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BOSTON SOCIETY OF CIVIL ENGINEERS.

ORGANIZED JULY 3, 1848.

CONSTITUTION AND BY-LAWS

AND

LIST OF MEMBERS.

JULY, 1903.

ALFRED MUDGE & SON INC. PRINTERS.
BOSTON.
1903.

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ACTS OF INCORPORATION.

AN ACT

To Incorporate the Boston Society of Civil Engineers.

Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, as follows: —

Section 1. George M. Dexter, Simeon Borden, William P. Parrott, their associates and successors, are hereby made a corporation by the name of "The Boston Society of Civil Engineers," for the purpose of promoting science and instruction in the department of Civil Engineering, with all the powers and privileges, and subject to all the duties liabilities, and restrictions set forth in the forty-fourth chapter of the Revised Statutes.

Sect. 2. The said corporation may hold real and personal estate not exceeding in amount twenty thousand dollars, and the funds or property thereof shall not be used for any other purpose than those declared in the first section of this act.

[Approved by the Governor, April 24, 1851.]

GEORGE S. BOUTWELL.

AN ACT

To Authorize the Boston Society of Civil Engineers to Hold Additional Real and Personal Estate.

Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, as follows: —

Section 1. Section two of chapter sixty-nine of the acts of the year eighteen hundred and fifty-one is hereby amended by striking out the word "twenty," in the second line, and inserting in place thereof the words, "two hundred," so as to read as follows: Section 2. The said corporation may hold real and personal estate, not exceeding in amount two hundred thousand dollars, and the funds or property thereof shall not be used for any other purpose than those declared in the first section of this act.

Sect. 2. This act shall take effect upon its passage.

[Approved by the Governor, March 12, 1902.]

W. MURRAY CRANE.

CONSTITUTION AND BY-LAWS.

PREAMBLE.

The members of the Boston Society of Civil Engineers, in accordance with their charter and for the more effectual execution of the design of their institution, establish and ordain the following Constitution and By-Laws for the government of said Society.

CONSTITUTION.

ARTICLE I.

OBJECTS.

The objects of this Society are, the professional improvement of its members, the encouragement of social intercourse among engineers and men of practical science, and the advancement of engineering; and for the promotion of these objects, stated meetings of the Society shall be held and a library formed for the use of its members.

ARTICLE II.

MEMBERSHIP.

The Society shall consist of members, honorary members, and associates.

Civil, mechanical, and mining engineers, and other persons belonging to the technical professions, shall be eligible as members.

Honorary members shall be men of eminent scientific attainments whom the Society shall deem worthy of the distinction. They shall be subject to no fees, dues, or assessments.

Other persons interested in the objects of the Society and desirous of being connected with it shall be eligible as associates. They shall have all the rights of members except the privilege of voting.

Admission into or dismissal from the Society shall be in accordance with such rules as may be prescribed by the By-Laws.

ARTICLE III.

OFFICERS.

The officers of the Society shall consist of a President, two Vice-Presidents, a Secretary, a Treasurer, two Directors, and a Librarian. They shall be elected by letter-ballot at the annual meeting; shall assume their duties at the close of said meeting, and shall hold office until their successors are duly chosen. The President, Secretary, Treasurer, and Librarian shall be elected for one year; the Vice-Presidents and Directors for two years, one Vice-President and one Director being elected each year.

The officers shall constitute the Board of Government which shall have the general management of the affairs of the Society.

The election of officers shall be conducted as prescribed by the By-Laws.

The duties of the officers shall be such as usually pertain to their offices and as may be prescribed by the By-Laws.

ARTICLE IV.

MEETINGS. — QUORUM.

Meetings of the Society shall be held at such times as may be prescribed by the By-Laws.

The regular meeting in March shall be the annual meeting for the election of officers and for the hearing of the annual reports.

Ten members shall constitute a quorum for the transaction of business.

ARTICLE V.

AMENDMENTS. — ENDORSEMENTS.

Any amendment to this Constitution may be made by a two-thirds vote of the members present and voting, cast in favor of such amendment in its final form, at each of two successive regular meetings, due notice of such amendment having been sent to each member with the notices of the meetings.

No proposition which includes the Society's endorsement shall be passed except in the same manner as prescribed for amendments to the Constitution.

BY-LAWS.

1. Meetings. — Regular meetings of the Society shall be held on the fourth Wednesday in January, and on the third Wednesday of the other months, excepting July and August, unless otherwise provided by vote of the Society at a previous meeting.

2. Order of Business. — The following order of business shall be observed at all regular meetings unless set aside by a vote of the members present: —

1. Reading of the record of the previous meeting.
2. Balloting for members.
3. Business and reports of committees.
4. Literary exercises, to begin not more than a half-hour after the meeting is called to order.
5. Unfinished business.

3. Special Meetings. — The President may call meetings of the Society when he deems it expedient, and shall be bound to do so at the written request of ten members, stating the purpose of such meeting. No business shall be transacted at a special meeting except that stated in the notice thereof.

4. Expiration of Committees. — At the annual meeting all committees shall expire unless continued by a vote of the Society.

5. Election of Officers. — Officers shall be elected as follows: at the regular meeting in January, the Society shall choose a nominating committee of five, who shall submit to the Secretary within three weeks the names of three candidates for each office to be balloted for. Letter-ballots shall then be sent by the Secretary to each member of the Society at least thirty days before the day of the annual meeting, stating the hour at which the polls will close on that day. Each ballot shall be returned to the Secretary enclosed in two envelopes, the inner one to be blank and the outer one to be endorsed with the member's signature. The President shall appoint two tellers, who shall canvas all ballots, and the result shall be announced at the annual meeting.

Of the candidates for any office, the one having the largest number of legal votes by letter-ballot shall be elected. Should there be a failure to elect any officer on account of a tie, the meeting shall proceed to elect such officer by ballot from among the candidates so tied; a majority of the votes cast being required to elect.

Vacancies occurring in any office may be filled by ballot at the first meeting after notice of the same has been sent to each member; a majority of the votes cast being necessary to elect.

6. Duties of Officers. — The Secretary, in addition to the usual duties of his office, shall receive all fees and dues, and transmit the same to the Treasurer monthly He shall be *ex officio* a representative of the Society on the Board of Managers of the Association of Engineering Societies, and shall receive an annual salary of four hundred dollars.

The Treasurer shall have charge of all the funds of the Society; shall pay all bills approved by the President, or in his absence by the senior Vice-President. He shall keep an accurate account of all receipts and expenditures, and make report of the same at the annual meeting.

The Directors shall audit the accounts of the Secretary and Treasurer.

The Board of Government shall have power to order all ordinary or current expenditures of the funds in the treasury; shall provide for the exercises at the meetings; shall consider all applications for membership and submit such as it approves to the Society for ballot; shall examine all papers submitted with reference to their fitness for presentation to the Society and for publication; and shall report at each annual meeting. To perform these duties it shall be authorized to appoint committees of its members, and to delegate to them such of its powers as it may deem expedient: *provided*, however, that any action of a committee unfavorable to any member or applicant for membership shall be reported to the whole board for final action. The Board of Government shall appoint from its members, or from the members of the Society at large, the representatives on the Board of Managers of the Association of Engineering Societies, to which this Society is entitled in addition to the Secretary.

7. Election of Members. — Each application for membership in the Society shall contain, over the candidate's signature, a statement of his age, residence, and qualifications for membership, and a promise that he will conform to the requirements of membership if elected. Such application shall be endorsed by at least four members to whom the applicant is personally known.

Each application shall be announced on the notices of the next meeting after it is received, shall then be considered by the Board of Government, and, if approved, shall be presented to the Society for ballot at a regular meeting.

If the candidate receives two-thirds of the votes cast, he shall be declared elected, and shall become a member on signing, within two months, an agreement to be governed by the Constitution and By-Laws, and paying the required entrance fee. The membership of any person shall date from the day of his election.

Honorary members must be recommended by the entire Board of Government, and shall be elected in the manner prescribed for other members.

8. Temporary Members. — The Board of Government may, at its discretion, admit to the Society, for a term not exceeding three years, members of other engineering societies who are temporarily residing in or near Boston, on the payment of annual dues only. Temporary members shall have all the rights of members except the privilege of voting.

9. Exchange of Members. — Any member of any other Society in the Association of Engineering Societies, in good standing, may become a member of this Society, when duly elected as described in By-Law 7, without paying the entrance fee, and with a release from the annual dues for such period, not over one year, as he may show by certificate he has paid in advance in the Society from which he comes.

10. Fees and Dues. — The entrance fee shall be ten dollars. The annual dues shall be eight dollars for members and associates residing within thirty miles of Boston, and five dollars for those residing at a greater distance, payable in advance at the annual meeting. Members elected after September 1 shall pay but one-half the annual dues for that year.

The Board of Government may deduct the cost of the *Journal* from the dues of members who received said *Journal* from other sources.

If the annual dues prove insufficient to meet the expenses of the Society, it may levy assessments on its members and associates not exceeding four dollars per person in any one year.

11. Permanent Fund. — There shall be a fund called the permanent fund to which shall be added all money received for entrance fees and all income from investments of the fund. No money shall be appropriated from the fund except by a two-thirds vote at two successive regular meetings.

12. Resignation of Membership. — Any member whose dues have been fully paid may withdraw from the Society by notifying the Secretary. Any person so resigning his membership may, at the discretion of the Board of Government, be reinstated without again paying the entrance fee.

13. Forfeiture of Membership. — Ten months after the annual meeting, the Secretary shall notify each member who has not paid his dues for the current year, that unless the same are paid within thirty days, his membership in the Society shall cease. The Board of Government may, however, at its discretion, reinstate such persons on the payment of all arrears.

14. Expulsion of Members. — Upon the written request of five members, that, for cause stated, any member be expelled, the Board of Government shall consider the matter, and if it deems it best, shall advise the member that his resignation will be accepted. He shall, however, have the right to demand and receive a copy of the charges against him, and shall have a reasonable time to present a written defence. The Board of Government may then pass finally upon the matter; and if the resignation has not been tendered, or a satisfactory defence made, may, by an affirmative vote of six of its number, expel the member, in which case he shall be notified, and his name shall at once be dropped from the list of members.

15. Amendments. — Any amendment to the By-Laws may be made by a two-thirds vote at any regular meeting, provided it has been proposed in writing at the previous regular meeting, and due notice thereof has been sent to each member with the notice of the meeting.

PAST AND PRESENT OFFICERS.

PRESIDENTS.

James F. Baldwin,* July 3, 1848, to March 25, 1850.
George M. Dexter,* March 25, 1850, to Dec. 6, 1852.
Simeon Borden,* Dec. 6, 1852, to Oct. 28, 1856.
James B. Francis,* April 27, 1874, to Aug. 7, 1874.
Thomas Doane,* Aug. 7, 1874, to March 17, 1880.
Joseph P. Davis, March 17, 1880, to Sept. 15, 1880.
Thomas Doane,* Oct. 20, 1880, to March 19, 1884.
George L. Vose, March 19, 1884, to March 16, 1887.
L. Frederick Rice, March 16, 1887, to March 21, 1888.
Desmond FitzGerald, March 21, 1888, to March 19, 1890.
Clemens Herschel, March 19, 1890, to March 18, 1891.
Frederic P. Stearns, March 18, 1891, to March 16, 1892.
Henry Manley, March 16, 1892, to March 15, 1893.
John R. Freeman, March 15, 1893, to March 21, 1894.
William E. McClintock, March 21, 1894, to March 20, 1895.
Albert F. Noyes,* March 20, 1895, to March 18, 1896.
George F. Swain, March 18, 1896, to March 17, 1897.
Dexter Brackett, March 17, 1897, to March 16, 1898.
Howard A. Carson, March 16, 1898, to March 15, 1899.
C. Frank Allen, March 15, 1899, to March 21, 1900.
Alexis H. French, March 21, 1900, to March 20, 1901.
Lawson B. Bidwell, March 20, 1901, to March 19, 1902.
George A. Kimball, March 19, 1902, to March 18, 1903.
Ira N. Hollis, March 18, 1903.

VICE-PRESIDENTS.

George M. Dexter,* July 3, 1848, to March 25, 1850.
Simeon Borden,* March 25, 1850, to Dec. 6, 1852.
Ellis S. Chesbrough,* Dec. 6, 1852, to March 1, 1853.
William P. Parrott,* March 1, 1853, to March 4, 1868.
Desmond FitzGerald, Sept. 4, 1874, to March 21, 1877.
Joseph P. Davis, March 21, 1877, to March 17, 1880.
Edward S. Philbrick,* March 17, 1880, to March 19, 1884.
L. Frederick Rice, March 19, 1884, to March 16, 1887.
Frederic P. Stearns, March 16, 1887, to March 20, 1889.
John R. Freeman, March 20, 1889, to March 16, 1892.
William E. McClintock, Feb. 19, 1890, to March 15, 1893.
Albert F. Noyes,* March 16, 1892, to March 21, 1894.
George F. Swain, March 15, 1893, to March 20, 1895.

* Deceased.

Henry H. Carter, March 21, 1894, to March 18, 1896.
Dexter Brackett, March 20, 1895, to March 17, 1897.
Henry D. Woods, March 18, 1896, to March 16, 1898.
C. Frank Allen, March 17, 1897, to March 15, 1899.
Alexis H. French, March 16, 1898, to March 21, 1900.
T. Howard Barnes, March 15, 1899, to March 20, 1901.
Frank W. Hodgdon, March 21, 1900, to March 19, 1902.
X. Henry Goodnough, March 20, 1901, to March 18, 1903.
Frederick Brooks, March 19, 1902.
Dwight Porter, March 18, 1903.

SECRETARIES.

John H. Blake,* July 3, 1848, to March 6, 1849.
Samuel Nott,* March 6, 1849, to Aug. 7, 1874.
George S. Rice, Aug. 7, 1874, to April 21, 1880.
S. Everett Tinkham, April 21, 1880, to Dec. 20, 1882.
Horace L. Eaton,* Dec. 20, 1882, to May 18, 1887.
S. Everett Tinkham, May 18, 1887.

TREASURERS.

William P. Parrott,* July 3, 1848, to March 1, 1853.
Ellis S. Chesbrough,* March 1, 1853, to Oct. 1, 1855.
Franklin Darracott,* June 8, 1874, to Aug. 7, 1874.
Clemens Herschel, Sept. 4, 1874, to March 17, 1880.
Henry Manley, March 17, 1880, to March 16, 1892.
Edward W. Howe, March 16, 1892.

LIBRARIANS.

Joseph Bennett,* March 24, 1852, to Dec. 6, 1852.
Martin B. Inches,* Dec. 6, 1852, to Oct. 1, 1855.
Edward K. Clark,* Aug. 7, 1874, to Sept. 10, 1878.
Frederick Brooks, Nov. 20, 1878, to Sept. 21, 1881.
Charles W. Kettell, Dec. 21, 1881, to March 18, 1885.
Albert F. Noyes,* March 18, 1885, to March 17, 1886.
Henry D. Woods, March 17, 1886, to March 20, 1889.
Frank W. Hodgdon, March 20, 1889, to March 15, 1893.
Henry F. Bryant, March 15, 1893, to March 20, 1895.
Frank L. Locke, March 20, 1895, to Jan. 22, 1896.
Alfred D. Flinn, Feb. 19, 1896, to March 17, 1897.
William B. Fuller, March 17, 1897, to Sept. 15, 1897.
Frank L. Fales, Oct. 20, 1897, to April 19, 1899.
Andrew D. Fuller, May 17, 1899, to Feb. 21, 1900.
Louis F. Cutter, March 21, 1900, to March 19, 1902.
Alfred D. Flinn, March 19, 1902, to Oct. 22, 1902.
Frank P. McKibben, Nov. 19, 1902.

*Deceased.

DIRECTORS.

Winfield S. Chaplin, Feb. 19, 1890, to March 18, 1891.
Frederick Brooks, March 19, 1890, to March 21, 1894.
George F. Swain, March 18, 1891, to March 15, 1893.
Henry Manley, March 15, 1893, to March 20, 1895.
Frank O. Whitney, March 21, 1894, to March 18, 1896.
Richard A. Hale, March 20, 1895, to March 17, 1897.
Frank W. Hodgdon, March 18, 1896, to March 16, 1898.
Dwight Porter, March 17, 1897, to March 15, 1899.
X. Henry Goodnough, March 16, 1898, to March 21, 1900.
Alfred E. Burton, March 15, 1899, to March 20, 1901.
Ira N. Hollis, March 21, 1900, to March 19, 1902.
William M. Brown, March 20, 1901, to March 18, 1903.
George B. Francis, March 19, 1902.
Joseph R. Worcester, March 18, 1903.

Library and Reading Room, 715 Tremont Temple, Boston.
Meeting Room, Chipman Hall, Tremont Temple, Boston.

Office of Secretary, 60 City Hall, Boston.
Office of Treasurer, 65 City Hall, Boston.

BOSTON SOCIETY OF CIVIL ENGINEERS.

OFFICERS, 1903-1904.

PRESIDENT.

IRA N. HOLLIS.

VICE-PRESIDENTS.

FREDERICK BROOKS.
(*Term expires March*, 1904.)

DWIGHT PORTER.
(*Term expires March*, 1905.)

SECRETARY.

S. EVERETT TINKHAM.

TREASURER.

EDWARD W. HOWE.

DIRECTORS.

GEORGE B. FRANCIS.
(*Term expires March*, 1904.)

JOSEPH R. WORCESTER.
(*Term expires March*, 1905.)

LIBRARIAN.

FRANK P. MCKIBBEN.

SPECIAL COMMITTEES.

ON EXCURSIONS.

HERMAN K. HIGGINS. FRANKLIN M. MINER. EDWARD P. ADAMS.
GEORGE A. KING. W. LEWIS CLARK.

ON THE LIBRARY.

FRANK P. MCKIBBEN. FREDERIC I. WINSLOW. JOHN N. FERGUSON.
KILBURN S. SWEET. LEWIS J. JOHNSON.

ON QUARTERS.

DESMOND FITZGERALD. EDWARD W. HOWE. C. FRANK ALLEN.
ERNEST W. BOWDITCH. HEZEKIAH BISSELL.

ON ADVERTISEMENTS.

EDWARD W. HOWE. ALBERT S. GLOVER. FRED V. FULLER.

MEMBERS OF THE BOARD OF MANAGERS, ASSOCIATION OF ENGINEERING SOCIETIES.

S. EVERETT TINKHAM. JOHN R. FREEMAN. HENRY MANLEY.
DEXTER BRACKETT. DWIGHT PORTER.

LIST OF MEMBERS,

WITH ADDRESS AND DATE OF ELECTION.

Members are particularly requested to inform the Secretary of any change of address.

MEMBERS.

	Date of Membership.
ADAMS, EDWARD P. Landscape Architect and Civil Eng., 53 State St., Room 1105, Boston, Mass.	Oct. 17, 1883
ADAMS, HENRY S. Civil Eng., 53 State St., Room 542, Boston, Mass.	Oct. 19, 1892
ADDICKS, WALTER R. Vice Prest. Consolidated Gas Co., 4 Irving Place, New York, N. Y.	Mar. 16, 1898
AIKEN, CHARLES W. Consulting Eng., 82 Washington St., New York, N. Y.	Dec. 21, 1898
AIKEN, ROY C. Civil Eng., corner Atlantic and Prospect Sts., Atlantic, Mass.	Nov. 21, 1900
ALLARD, THOMAS T. Civil Eng., Fort Caswell, N. C.	June 17, 1896
ALLEN, CHARLES A. Consulting Eng., 44 Front St., Worcester, Mass.	Mar. 21, 1888
ALLEN, C. FRANK Prof. of Railroad Engineering, Mass. Inst. of Technology, Boston, Mass.	Mar. 24, 1875
ANDREWS, DAVID H. President, The Boston Bridge Works, Incorp., 47 Winter St., Boston, Mass.	May 18, 1881
ARMSTRONG, SAMUEL G. Civil Eng., Box 2139, Johannesburg, Transvaal, South Africa	Feb. 20, 1895
ASPINWALL, THOMAS Aspinwall & Lincoln, Civil Engineers, 120 Tremont St., Room 606, Boston, Mass.	Mar. 17, 1880
ATWOOD, JOSHUA, 3d Chief Eng. Paving Div., Street Dept., 70 City Hall, Boston, Mass.	Apr. 15, 1896
BADGER, FRANK S. Asst. Eng., U. S. Geol. Survey, Wadsworth, Nev.	Oct. 16, 1895
BAILEY, ERNEST W. City Eng., City Hall, Somerville, Mass.	Jan. 22, 1896

	Date of Membership.
BAILEY, FRANK S. In charge of Road Construction, Fort Revere, Hull, Mass.	Sept. 21, 1898
BAILEY, WILLIAM M. Eng., Eastern Expanded Metal Co., Paddock Building, Boston. Residence, 15 Mt. Vernon St., Malden, Mass.	Mar. 20, 1895
BAKER, WILLIAM E. W. E. Baker & Co., Engineers, 170 Broadway, New York, N. Y.	May 20, 1891
BALDWIN, LOAMMI F. Civil Eng., 31 Milk St., Boston, Mass.	May 18, 1892
BANCROFT, LEWIS M. Supt. of Water Works, Reading, Mass.	Jan. 15, 1890
BARBOUR, FRANK A. Snow & Barbour, Civil and Sanitary Engs., 1120 Tremont Building, Boston, Mass.	Feb. 17, 1892
BARNES, ROWLAND H. Pierce & Barnes, Civil Engs., 7 Water St., Boston, Mass.	Oct. 21, 1896
BARNES, T. HOWARD. Civil and Municipal Eng., 7 Water St., Boston, Mass.	Dec. 21, 1892
BARNES, WILLIAM T. Asst. to Leonard Metcalf, C. E., 14 Beacon St., Boston. Residence, 773 Broadway, South Boston, Mass.	Apr. 18, 1894
BARNEY, PERCY C. Draftsman in charge, Dept. of Yards and Docks, U. S. Navy Yard, New York, N. Y.	Mar. 27, 1902
BARROWS, HAROLD K. Asst. Prof. of Civil Engineering, University of Vermont; and Asst. Eng. and Resident Hydrographer, U. S. Geol. Survey, Burlington, Vt.	Dec. 21, 1898
BARRUS, GEORGE H. Expert and Consulting Steam Eng., 12 Pemberton Sq., Boston, Mass.	June 15, 1887
BARTLETT, ARTHUR. Asst. in City Engineer's Office, City Hall, Lowell, Mass.	Mar. 20, 1895
BARTLETT, CHARLES H. Counsellor at Law and Consulting Eng., 607 Pemberton Building, Boston, Mass.	June 19, 1889
BARTRAM, GEORGE C. Resident Eng., Phœnix Bridge Co., 153 Milk St., Boston, Mass.	Oct. 18, 1899
BATEMAN, FREDERIC W. Parker & Bateman, Civil Engs., Clinton, Mass.	Mar. 21, 1888
BATEMAN, LUTHER H. Asst. Eng., Harbor and Land Comrs., 131 State House, Boston, Mass.	Feb. 21, 1894
BAYLEY, FRANK A. Draftsman with Commission on Additional Water Supply, 1717 Park Row Building, New York, N. Y.,	Oct. 15, 1890
BEMENT, ROBERT B. C. Civil Eng. and Contractor, 506 Endicott Bldg., St. Paul, Minn.	Nov. 15, 1882

	Date of Membership.
BETTON, JAMES M. C. W. Hunt Co., 45 Broadway, New York, N. Y.....	Feb. 19, 1896
BIDWELL, LAWSON B. District Eng., Eastern District, N. Y., N. H. & H. R. R., South Union Station, Boston, Mass.....	Nov. 19, 1884
BIGELOW, JAMES F. City Eng., 15 Corey Bldg., Marlboro, Mass.....	Mar. 18, 1896
BISSELL, H. Chief Eng., Boston & Maine R. R., North Station, Boston, Mass.....	Mar. 21, 1883
BLAKE, FRANCIS Auburndale, Mass.....	June 18, 1890
BLAKE, PERCY M. Civil and Hydraulic Eng., Newtonville, Mass.....	Mar. 16, 1892
BLODGETT, GEORGE W. Electrical Eng., 407 Central St., Auburndale, Mass...	June 8, 1874
BLOOD, JOHN BALCH Blood & Hale, Consulting Engs., 10 Post Office Square, Boston, Mass.....	Oct. 19, 1898
BLOSSOM, WILLIAM L. With Factory Mutual Fire Insurance Co., 31 Milk St., Boston. Address, 355 Washington St., Brookline, Mass.....	Dec. 19, 1900
BOLTON, EDWARD D. Landscape Architect and Eng.. 100 West 80th St., New York, N. Y.....	Oct. 21, 1896
BORDEN, PHILIP D. City Eng., P. O. Box 248, Fall River, Mass.....	Mar. 15, 1882
BOTSFORD, HARRY G. Asst. Eng., Engineering Dept., Boston, 246 Summer St., Boston, Mass.....	Oct. 19, 1898
BOURNE, FRANK B. Asst. Eng., City Engineer's Office, Providence, R. I...	May 19, 1897
BOWDITCH, ERNEST W. Landscape Gardener and Eng., 60 Devonshire St., Boston, Mass.....	June 8, 1874
BOWERS, GEORGE City Eng., City Hall, Lowell, Mass.....	Mar. 17, 1886
BOWMAN, CHARLES A. Div. Eng., Met. Water Works, Clinton, Mass.....	Oct. 15, 1890
BOYD, JAMES T. Mechanical Eng., 60 State St., Boston, Mass.....	May 20, 1891
BRACKETT, DEXTER Eng., Distribution Dept., Met. Water Works, 1 Ashburton Place, Boston, Mass.....	June 8, 1874
BRACKETT, WALLACE C. With S. Homer Woodbridge, Ventilating and Sanitary Engineering, 93 Federal St., Boston, Mass.....	Jan. 22, 1896
BRADFORD, LAURENCE Civil Eng., Millbrook, Mass.....	June 8, 1874
BRADLEY, WILLIAM H. Civil Eng., 53 State St., Room 642, Boston, Mass.....	June 8, 1874
BRANCH, ERNEST W. Eng., Sewerage Commissioners, City Hall, Quincy, Mass.....	May 19, 1897

	Date of Membership.
BRAY, CHARLES D. Prof. of Civil and Mechanical Engineering, Tufts College, College Hill, Mass.	Dec. 17, 1879
BREED, CHARLES B. Civil Eng., 54 Hamilton Ave., Lynn, Mass.	Sept. 20, 1899
BREWER, BERTRAM City Eng. and Supt. of Sewers, Waltham, Mass.	May 20, 1896
BROCK, NATHAN S. Civil Eng., 39 Parsons St., Brighton, Mass.	Apr. 18, 1888
BROOKS, FREDERICK Civil Eng., 31 Milk St., Boston, Mass.	June 8, 1874
BROWN, WILLIAM M. Eng., Sewerage Works, Met. Water and Sewerage Board, 20 Pemberton Sq., Boston, Mass.	May 17, 1893
BRYANT, HENRY F. French & Bryant, Civil Engineers, 334 Washington St., Brookline, and 4 State St., Boston, Mass.	Dec. 19, 1888
BUCK, WALDO E. Pres. and Treas., Worcester Manfrs. Mutual Ins. Co., 53 William St., Worcester, Mass.	May 15, 1889
BUFF, LOUIS F. Treasurer, Buff & Buff Mfg. Co., Jamaica Plain, Mass.	May 20, 1903
BULLOCK, WILLIAM D. Engineer in charge of Bridges and Harbor, City Hall, Providence, R. I.	May 18, 1898
BURKE, JOHN R. Asst. Eng., Harbor and Land Commissioners, 131 State House, Boston, Mass.	Oct. 16, 1895
BURLEY, HARRY B. Civil Eng. and Inspector, Associated Factory Mutual Ins. Cos., 31 Milk St., Room 510, Boston, Mass.	Apr. 20, 1892
BURR, THOMAS S. Civil Eng., with Holyoke Machine Co., Worcester. Address, 19 Catharine St., Worcester, Mass.	Nov. 17, 1897
BURTON, ALFRED E. Prof. of Topographical Engineering, and Dean, Mass. Inst. of Technology, Boston, Mass.	Nov. 15, 1882
BUSS, EDWARD A. Consulting Engineer, 85 Water St., Boston, Mass.	Sept. 17, 1902
BUTTOLPH, BENJAMIN G. Eng., State, Enterprise and American Mut. Fire Ins. Cos., 819 Banigan Building, Providence, R. I.	May 20, 1891
CALDWELL, FREDERIC A. First Asst., City Engineer's Dept., City Hall, Woonsocket, R. I.	Apr. 21, 1897
CARNEY, EDWARD B. City Engineer's Office, 39 Plymouth St., Lowell, Mass.	Mar. 16, 1898
CARPENTER, GEORGE A. City Eng., 77 Meadow St., Pawtucket, R. I.	May 16, 1894
CARR, JOSEPH R. Civil Eng., 468 Broadway, Chelsea, Mass.	June 8, 1874
CARSON, HOWARD A. Chief Eng., Boston Transit Commission, 20 Beacon St., Boston, Mass.	June 8, 1874

Date of Membership.

CARTER, FRANK H.
With Leonard Metcalf, C. E., 14 Beacon St., Boston. Address, 487 Central St., Cliftondale, Mass..... Oct. 18, 1899

CARTER, HENRY H.
Consulting Eng. and President, Metropolitan Contracting Co., 95 Milk St., Boston, Mass..... Apr. 16, 1884

CARVEN, CHRISTOPHER J.
Asst. Eng., Engineering Dept., 49 City Hall, Boston, Mass..... Oct. 21, 1885

CHAMBERLAIN, EDWARD G.
Topographical Surveyor, Auburndale, Mass..... Sept. 16, 1891

CHAMBERLAIN, WILLIAM G. S.
Bridge Eng., B. & A. R. R., Boston. Residence, Auburndale, Mass..... Feb. 17, 1897

CHAMBERS, RALPH H.
Chambers & Hone, Consulting Engs., 60 New St., New York, N. Y..... May 19, 1897

CHAPMAN, WILLIAM H.
Waring, Chapman & Farquhar, Civil Engineers, 874 Broadway, New York, N. Y..... Apr. 18, 1888

CHASE, JOHN C.
Chief Eng., The Clarendon Water Works Co., Wilmington, N. C..... Dec. 20, 1893

CHEEVER, ALBERT S.
Supt. Fitchburg Div., B. & M. R. R., Boston, Mass... Jan. 23, 1895

CHENEY, JOHN E.
Asst. City Eng., City Hall, Boston, Mass..... Apr. 28, 1875

CLAPP, OTIS F.
City Engineer, City Hall, Providence, R. I..... Jan. 18, 1888

CLAPP, SIDNEY K.
Civil Eng., with Com. on Additional Water Supply, West Shokan, N. Y..... Apr. 15, 1896

CLAPP, WILFRED A.
Civil Eng., Quartermaster's Dept., U. S. A., Great Diamond Island, Me..... June 17, 1896

CLARK, W. LEWIS
Civil and Landscape Eng., 6 Beacon St., Boston, and 50 Sacramento St., Cambridge, Mass..... Oct. 18, 1899

COFFIN, FREEMAN C.
Civil and Hydraulic Eng., 53 State St., Boston, Mass. Apr. 21, 1886

COGGESHALL, ROBERT C. P.
Supt. Water Works, City Hall, New Bedford, Mass... June 17, 1885

COOK, BYRON I.
Inspection Dept., Factory Mut. Ins. Cos., 31 Milk St., Boston. Address, 30 Spring St., Woonsocket, R. I. Nov. 16, 1898

COOK, MAYO T.
Asst. Eng., Engineering Dept., 65 City Hall, Boston, Mass..... June 17, 1885

CORTHELL, ARTHUR B.
Terminal Eng., Grand Central Terminal Improvements, N. Y. C. & H. R. R. R., 110 East 50th St., New York, N. Y..... Jan. 25, 1899

CORTHELL, ELMER L.
Consulting Eng., 1 Nassau St., New York, N. Y..... Jan. 20, 1886

	Date of Membership.
CRANE, ALBERT S. Prin. Asst. Eng., Sanitary Dist. of Chicago, 1003 Security Bldg., Chicago, Ill	June 20, 1894
CROWELL, ALONZO K. Asst. Roadmaster, N. Y., N. H. & H. R. R., Hyannis, Mass	Dec. 19, 1894
CUMMINGS, W. WARREN Civil Eng. (Asst. Isolated Dept. Edison El. Ill. Co.), 3 Head Place, Boston, Mass	Feb. 16, 1898
CUNNINGHAM, FREDERICK H. Draftsman, Mass. Highway Commission. Address, Bolton, Mass	Feb. 17, 1897
CUNTZ, WILLIAM C. Asst. to Gen. Mgr. of Sales, The Pennsylvania Steel Co., Girard Bldg., Philadelphia, Pa	Apr. 15. 1896
CURRIER, GEORGE C. Engineering Dept., 60 City Hall, Boston, Mass.	Mar. 17, 1886
CURTIS, GREELY S. Hydraulic Eng., Boston Fire Dept., Bristol St., Boston. Address, 28 Mt. Vernon St., Boston, Mass	Jan. 27, 1897
CURTIS, LOUVILLE Roadmaster, Western Div. B. & M. R. R., 354 Andover St., Lawrence, Mass	Sept. 19, 1888
CUTTER, CHARLES R. 148 Ruthven St., Roxbury, Mass	Nov. 18, 1891
CUTTER, LOUIS F. Asst. Eng., Engineering Dept., 60 City Hall, Boston. Residence, 33 Chestnut St., Salem, Mass.	Apr. 18, 1888
CUTTER, ROLAND N. Asst. Eng., Engineering Dept., 51 City Hall, Boston, Mass.	Feb. 15, 1893
DAVIS, CHARLES HENRY Consulting Eng., 25 Broad St., New York, N. Y.	Oct. 17, 1900
DAVIS, EDMUND S. Asst. Eng., Boston Transit Commission, 78 Robinwood Ave., Jamaica Plain, Mass	Dec. 18, 1878
DAVIS, FRED RUFUS Res. Eng., Elders Ridge Branch, B. R. & P. R'y Co., Parkwood, Pa	Feb. 20, 1901
DAVIS, JOSEPH P. Chief Eng., American Bell Telephone Company, 113 West 38th St., New York, N. Y.	June 8, 1874
DAVIS, LEONARD H. Chief Eng., The Lake Superior Power Co., Sault Ste. Marie, Ontario	Feb. 15, 1899
DEAN, ARTHUR W. Civil Eng., 3 Water St., Haverhill, Mass.	Dec. 18, 1895
DEAN, FRANCIS W. Dean & Main, Mech. and Mill Engs., 53 State St., Boston, Mass	Oct. 16, 1889
DEAN, LUTHER Civil Eng., 23 Crocker Building, Taunton, Mass.	June 17, 1891
DEWOLF, JOHN O. W. B. Smith Whaley & Co., Mech. and Mill Engs., 1012 Tremont Bldg., Boston, Mass	May 19, 1897

Date of Membership.

DODD, CHARLES H.
Asst. Eng., Sewer Div., Street Dept., 30 Tremont St., Boston, Mass. ..... Sept. 18, 1901

DODGE, SAMUEL D.
Asst. Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass. ..... Dec. 16, 1896

DORR, EDGAR S.
Chief Eng., Sewer Division, Street Department, 30 Tremont Street, Boston. Residence, 213 Savin Hill Ave., Dorchester, Mass. ..... May 16, 1888

DOWST, FRANK B.
Mech. Eng., 241 Corey St., West Roxbury, Mass. ..... Sept. 17, 1902

DRAKE, ALBERT B.
Civil Eng. and Surveyor, 164 Williams St., New Bedford, Mass. ..... May 19, 1886

DWELLEY, EDWIN F.
Harris & Dwelley, Civil Engs., 59 Exchange St. Residence, 144 Nahant St., Lynn, Mass. ..... Feb. 19, 1896

ELLIOT, CHARLES D.
Civil Eng., Somerville, Mass. ..... Dec. 17, 1902

ELLIS, BENJAMIN W.
Principal Asst. Eng., Surface Lines, Boston El. Ry., 101 Milk St., Boston, Mass. ..... Sept. 17, 1902

ELLIS, GEORGE A.
Hydraulic Eng., 158 Sherman St., Springfield, Mass. ..... May 19, 1886

ELLIS, JOHN W.
Consulting Eng., 178 Devonshire St., Boston, 20 Market Sq., Providence, and Woonsocket, R. I. ..... May 19, 1886

ELLIS, S. CLARENCE
Civil Eng., 1750 Beacon St., Brookline, Mass. ..... Apr. 17, 1878

ELLSWORTH, EMORY A.
Ellsworth & Kirkpatrick, Architects and Civil Engs., 18 Dwight St., Holyoke, Mass. ..... May 20, 1896

EMERSON, GUY C.
Chief Eng., Montreal Subway Co. Address, 21 Chestnut St., Boston, Mass. ..... Feb. 15, 1899

EMIGH, JOHN H.
Consulting Eng., North Adams, Mass. ..... Sept. 20, 1899

ESTEY, HENRY W.
Asst. Eng., City Engineer's Office, 11 Page St., Malden, Mass. ..... June 15, 1892

EVANS, GEORGE E.
Civil and Hydraulic Eng., 95 Milk St., Boston, Mass. ..... Apr. 21, 1886

EVANS, ROBERT R.
City Eng., City Hall, Haverhill, Mass. ..... Feb. 15, 1899

EWING, WILLIAM C.
Manager, The C. H. W. Wood Co., 2380 Washington St., Boston, Mass. ..... May 16, 1900

FALES, FRANK L.
Asst. Eng., Board of Trustees, "Commissioners of Water Works," City Hall, Cincinnati, Ohio ..... Dec. 16, 1891

FARNHAM, FREDERICK W.
Eng. in charge of Sewer Dept., City Engineer's Office, City Hall, Lowell, Mass. ..... Feb. 19, 1890

	Date of Membership.
FARNHAM, IRVING T. City Eng. of Newton, City Hall, West Newton, Mass.	Mar. 17, 1897
FARNUM, LORING N. Eng. and Contractor, 53 State St., Boston, Mass.....	June 20, 1894
FAY, FREDERIC H. Assistant Eng., Engineering Dept., 60 City Hall, Boston, Mass.....	Mar. 17, 1897
FELTON, BURTON R. Treasurer, C. E. Trumbull Co., 1121 Tremont Building, Boston, Mass.....	Oct. 16, 1889
FELTON, CHARLES R. City Engineer, City Hall, Brockton, Mass.....	Oct. 19, 1892
FERGUSON HARDY S. Chief Eng., Great Northern Paper Co., Millinocket, Me.....	Sept. 18, 1901
FERGUSON, JOHN N. Asst. Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.....	Apr. 15, 1896
FERNALD, CLARENCE T. Asst. Eng., Boston El. Ry. Co. Address, 32 Malvern St., Melrose, Mass.....	Mar. 21, 1900
FERNALD, GEORGE N. City Eng. and Commissioner of Public Works, City Hall, Portland, Me.....	Jan. 15, 1890
FITZ, CHARLES F., Jr. Resident Eng., Mass. Highway Commission, Watertown, Mass.....	May 20, 1896
FITZGERALD, DESMOND Consulting Engineer, Brookline, Mass.....	June 8, 1874
FLETCHER, AUSTIN B. Secretary, Mass. Highway Commission, 20 Pemberton Sq., Boston, Mass.....	Mar. 21, 1894
FLINN, ALFRED D. Managing Editor, *Engineering Record*, 114 Liberty St., New York, N. Y.....	Oct. 16, 1895
FOBES, ARTHUR A. Eng., Board of Public Works, City Hall, Pittsfield, Mass.....	May 15, 1895
FOLSOM, CHARLES W. Asst. Eng. of Sewers, 30 Tremont St., Boston, Mass.	May 16, 1877
FORBES, FAYETTE F. Supt. Water Works, Brookline, Mass.....	May 21, 1879
FOSS, CLIFFORD Asst. Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.....	Mar. 17, 1897
FOSS, WILLIAM E. Division Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.....	Sept. 20, 1893
FOSTER, WALTER B. Civil Eng., Hingham, Mass.....	Sept. 18, 1901
FOSTER, WILLARD M. Asst. with Rice & Evans, 95 Milk St., Boston, Mass.	Feb. 19, 1890
FRANCIS, GEORGE B. Civil Eng., Westinghouse, Church, Kerr & Co., 10 Bridge St., New York, N. Y.....	June 16, 1897

Date of Membership.

FREEMAN, JOHN R.
Consulting Eng., Pres. and Treas., Manufacturers' Mut. Fire Ins. Co., 815 Banigan Building, Providence, R. I. ..... Jan. 19, 1881

FRENCH, ALEXIS H.
Town Eng., Town Hall, Brookline. Also of firm of French & Bryant, Civil Engineers, 334 Washington St., Brookline, and 4 State St., Boston, Mass. ..... June 8, 1874

FRENCH, EDMUND M.
Engineering Asst., Wachusett Dam, Met. Water Works. Address, Box 186, Clinton, Mass. ..... Feb. 21, 1900

FRENCH, FRANK B.
Asst. Eng., Metropolitan Sewerage Works. Address, 7 West St., Woburn, Mass. ..... Feb. 15, 1893

FRENCH, GEORGE L. R.
Roadmaster, Eastern Div. B. & M. R.R., Beverly, Mass. Sept. 18, 1889

FRENCH, HEYWOOD S.
Boston Representative of the J. W. Bishop Co., 683 Atlantic Ave., Boston, Mass. ..... May 20, 1891

FRIZELL, JOSEPH P.
Hydraulic Eng., 60 Congress St., Boston, Mass. ..... Apr. 16, 1890

FULLER, ANDREW D.
Consulting and Contracting Eng., 3 Hamilton Place, Boston, Mass. ..... Jan. 22, 1896

FULLER, FRANK L.
Civil and Hydraulic Eng., 12 Pearl St., Boston, Mass.. June 8, 1874

FULLER, FRED V.
Manager, Carson Trench Machine Co., 16 Dorrance St., Charlestown Dist., Boston, Mass. ..... Sept. 17, 1890

FULLER, GEORGE W.
Of firm, Rudolph Hering and George W. Fuller, Hyd. Engs. and Sanitary Experts, 170 Broadway, New York, N. Y. ..... June 12, 1895

FULLER, WILLIAM B.
Hydraulic and Sanitary Eng., 170 Broadway, New York, N. Y. ..... May 18, 1892

GAGE, HERBERT E.
In Chief Engineer's Office, B. & A. R. R., Boston, Mass. ..... Mar. 20, 1895

GANNETT, CHARLES H.
Civil Eng., 53 State St., Room 1102, Boston, Mass. ..... May 19, 1897

GAY, CHARLES W.
Board of Pub. Works, City Hall and Civil Eng., 25 Exchange St., Lynn, Mass. ..... Apr. 20, 1892

GERRY, LYMAN L.
With Eng. Dept., Mass. Highway Commission, Stoneham, Mass. ..... Oct. 19, 1878

GIFFORD, NATHANIEL W.
Gen. Manager, East Boston Gas Co., 26 Central Sq., East Boston, Mass. ..... May 20, 1903

GLOVER, ALBERT S.
Secretary, Hersey Mfg. Co., 714 Tremont Temple, Boston, Mass. ..... June 17, 1885

GOODNOUGH, BENJAMIN F.
Asst. Eng., Metropolitan Water Works. Residence, Brookline, Mass. ..... Oct. 15, 1890

	Date of Membership.
GOODNOUGH, X. HENRY Chief Eng., Mass. State Board of Health, Room 140, State House, Boston, Mass.	Mar. 21, 1888
GOULD, JOHN A. Chief Eng., Brookline, Dorchester, Jamaica Plain and Mass. Pipe Line, Gas Light Cos., 100 Boylston St., Boston, Mass.	Oct. 21, 1885
GOW, CHARLES R. Gow & Foss, General Contractors. Residence, 15 Spring Garden St., Dorchester, Mass.	Mar. 18, 1903
GOWING, E. H. Eng., 12 Pemberton Sq., Boston, Mass.	Nov. 19, 1884
GRAY, JOSEPH P. Vice-Pres., Boston Manfs. Mut. Fire Insurance Co., 31 Milk St., Boston. Residence, Hunter and Putnam Sts., West Newton, Mass.	Apr. 15, 1891
GREENE, LEVI R. Consulting Eng., Walworth Manufacturing Company. Residence, 35 Concord Ave., Cambridge, Mass.	May 17, 1893
GRISWOLD, LEON S. Mining Geologist, 238 Boston St., Dorchester, Mass.	June 21, 1899
GROVER, ARTHUR C. City Eng., Supt. of Streets, and Supt. of Water Works, 48 Prospect St., Rutland, Vt.	Dec. 18, 1895
GROVER, EDMUND Civil Eng. and Landscape Gardener, East Walpole, Mass.	Apr. 17, 1889
GROVER, NATHAN C. Prof. of Civil Engineering, University of Maine, Orono, Me.	Mar. 20, 1895
GUPPY, BENJAMIN W. Bridge Eng., Maine Central R. R., Portland, Me.	Dec. 18, 1889
GUSHEE, EDWARD G. Civil Eng., 2830 West Lehigh Ave., Philadelphia, Pa.	Dec. 19, 1877
HABERSTROH, CHARLES E. Asst. Supt., Sudbury Dept., Metropolitan Water Works, South Framingham, Mass.	Sept. 16, 1885
HALE, RICHARD A. Prin. Asst. Eng., Essex Water Power Co., Lawrence, Mass.	Mar. 15, 1882
HALE, ROBERT S. Steam Eng., 220 Devonshire St., Boston, Mass.	Dec. 20, 1893
HALL, FRANK E. Civil Eng., with Union Water Meter Co., 2 Berkshire St., Worcester, Mass.	June 19, 1889
HALL, GEORGE H., Jr. Asst. Eng., N. E. Tel. & Tel. Co., 104 Milk St., Boston. Residence, 5 New Millet St., Dorchester, Mass.	Jan. 25, 1893
HAMILTON, GEORGE W. Dist. Eng. of Sewers, 30 Tremont St., Boston, Mass.	Jan. 19, 1887
HAMLIN, GEORGE H. Civil Eng., Orono and Bangor, Me.	Mar. 20, 1895
HAMMATT, EDWARD A. W. Civil and Hydraulic Eng., 10 Neponset Block, Hyde Park, Mass.	Feb. 18, 1885

	Date of Membership.
HARDY, GEORGE F. Mill and Hydraulic Eng., 309 Broadway, New York, N. Y.	Apr. 19, 1893
HARRINGTON, DAVID A. Civil Eng., 60 State St., Boston, Mass	Mar. 19, 1890
HARRINGTON, EPHRAIM Ephraim Harrington & Co., Civil and Consulting Engs., 60 State St., Boston, Mass.	Feb. 21, 1883
HARRIS, CHARLES Agent of Barber Asphalt Paving Co., 70 Kilby St., Room 69, Boston, Mass	Apr. 17, 1878
HARRIS, ISAAC K. Civil Eng. and Surveyor, 59 Exchange St., Lynn, Mass.	Jan. 18, 1888
HARRISON, CHRISTOPHER City Eng., City Hall, Everett, Mass	Mar. 16, 1898
HART, FRANK S. Civil and Hydraulic Eng., Asst. Eng., Met. Water Works, South Framingham, Mass	May 19, 1886
HARTWELL, DAVID A. City Eng., 345 Main St., Fitchburg, Mass	Mar. 18, 1903
HARWOOD, T. T. HUNTER United States Asst. Eng., Rockport, Mass	Mar. 20, 1889
HASELTON, GAGE With N. Y., N. H. & H. R. R., 469 South Station, Boston, Mass.	Apr. 15, 1903
HASTINGS, ISAAC W. Asst. in City Engineer's Office, West Newton, Mass.	Oct. 21, 1896
HASTINGS, LEWIS M. Civil Eng., 26 Dana St., Cambridge, Mass	Nov. 20, 1889
HATCH, ARTHUR E. Manager, Bay State Dredging Co., 19 High St., Boston. Residence, 46 Browning Rd., Somerville, Mass.	Apr. 21, 1897
HAWES, LOUIS E. Civil and Hyd. Eng., 101 Tremont St., Boston, Mass.	June 20, 1894
HAWKES, LEVI G. Civil Eng. and Surveyor, 25 Pleasant St., Saugus, Mass.	Dec. 19, 1888
HAWLEY, WILLIAM C. Asst. Eng., Mass. Harbor and Land Commission, 60 Broadway, Taunton, Mass.	May 17, 1899
HAZELTON, CHARLES W. Eng. and Treas., Turners Falls Co., Turners Falls, Mass.	Sept. 15, 1897
HAZEN, ALLEN Consulting Eng., St. Paul Building, 220 Broadway, New York, N. Y.	Dec. 19, 1894
HEALD, SIMPSON C. Civil Eng., 48 Congress St., Boston, Mass.	Apr. 20, 1887
HERING, RUDOLPH Hyd. and Sanitary Eng., 170 Broadway, New York, N. Y.	June 17, 1896
HERSCHEL, CLEMENS Civil and Hydraulic Eng., 2 Wall St., New York, N. Y.,	June 8, 1874
HERSEY, FREDERIC M. Asst. Eng. with E. W. Bowditch, C. E., 60 Devonshire St., Boston, Mass.	Apr. 15, 1891

	Date of Membership.
HEWS, JOSEPH R. Engineer Inspector, Cambridge Bridge, 374 Cambridge St., Boston, Mass.	Mar. 16, 1898
HICKS, C. ATHERTON Civil Eng., Needham, Mass.	Feb. 15, 1888
HIGGINS, HERMAN K. Asst. Eng., N. Y., N. H. & H. R. R., 472 South Station, Boston, Mass.	Feb. 17, 1897
HINCKLEY, DAVID Eng., Merrimack Mfg. Co., Huntsville, Ala.	Nov. 21, 1894
HODGDON, FRANK W. Chief Eng., Harbor and Land Commission, 131 State House, Boston, Mass.	Apr. 19, 1882
HODGES, GILBERT Consulting Eng., 131 State St., Boston. Residence, 36 Grand View Ave., Medford, Mass.	Jan. 21, 1891
HOLDEN, HORACE G. Supt., Pennichuck Water Works Co., Nashua, N. H.	May 18, 1892
HOLLIS, IRA N. Prof. of Engineering, Lawrence Scientific School, Harvard University, Cambridge, Mass.	Sept. 19, 1894
HOLMES, J. ALBERT With C. W. Leavitt, Jr., Civil Eng., 15 Cortlandt St., New York, N. Y.	June 15, 1898
HOLT, ARTHUR C. With Horton & Hemenway, Contractors, 86 Weybosset St., Providence, R. I.	Nov. 16, 1898
HOPSON, ERNEST G. Eng., Aqueduct Dept., Com. on Additional Water Supply, 1717 Park Row Building, New York, N. Y.	Oct. 15, 1890
HORTON, ARTHUR E. Civil Eng. Beacon Chambers, Boston, Mass.	Mar. 18, 1890
HORTON, THEODORE Prin. Asst., with Hering and Fuller, 170 Broadway, New York, N. Y.	Jan. 22, 1896
HOSMER, FRANCIS E. Inspector, Engineering Dept., Boston. Address, 569 Broadway, South Boston, Mass.	Apr. 17, 1889
HOSMER, SIDNEY Elec. Eng., Edison Electric Ill. Co., 3 Head Place, Boston, Mass.	Mar. 16, 1898
HOUGHTON, CHARLES E. Transitman, Boston Park Dept. Address, 114 Erie St., New Dorchester, Mass.	June 20, 1888
HOWARD, CHANNING Whitman & Howard, Civil Engs., 85 Devonshire St., Boston, Mass.	Mar. 15, 1899
HOWARD, JOHN L. Division Eng., Met. Water Works, 1 Ashburton Place, Boston, Mass.	Mar. 19, 1890
HOWE, EDWARD W. Asst. Eng., Engineering Dept., 65 City Hall, Boston, Mass.	June 8, 1874
HOWE, GEORGE E. Civil Eng., with Com. on Additional Water Supply, 1819 Park Row Building, New York, N. Y.	Mar. 18, 1896

Date of Membership.

HOWE, HORACE J.
Asst. Eng., Rapid Transit R. R. Com., Div. 4, El. Structures, 231 West 125th St., New York, N. Y.... June 20, 1894

HOWE, WILL B.
City Eng., 5 Warren St., Concord, N. H..... Mar. 18, 1896

HOWLAND, ALBERT H.
Civil Eng., 110 Tremont St., Boston, Mass..... June 8, 1874

HOWLAND, CHARLES W.
Civil Eng. and Surveyor, 44 Union St., Rockland, Mass. Mar. 20, 1889

HUBBARD, DWIGHT L.
Asst. Eng. Pav. Div., St. Dept., 70 City Hall, Boston, Mass..... Nov. 20, 1895

HUGHES, HECTOR J.
Asst. Prof. Harvard University, 114 Pierce Hall, Cambridge, Mass..... Apr. 15, 1903

HULTMAN, EUGENE C.
Inspecting and Auditing Eng. for West End St. Ry. Co., and for Fitchburg R. R. Co., 101 Milk St., Boston, Mass..... June 15, 1898

HUNKING, ARTHUR W.
Civil and Hydraulic Eng., 374 Stevens St., Lowell, Mass..... May 20, 1885

HUNTER, HARRY G.
With Virginia Portland Cement Co., Craigsville, Va.. Mar. 20, 1895

HUNTER, WILLIAM B.
Asst. Eng., Met. Sewerage Works, 20 Pemberton Sq., Boston, Mass..... Mar. 21, 1900

HUNTER, W. DABNEY
Eng. and Supt. Public Works, Melrose, Mass..... June 18, 1902

HYDE, CHARLES G.
Asst. Eng., in charge of Filters (Laboratory Investigations, Design and Construction), Bd. of Public Works, Harrisburg, Pa..... Mar. 16, 1898

JACKSON, WILLIAM
City Eng., City Hall, Boston, Mass..... June 8, 1874

JANES, CHARLES F.
Assistant Eng., Public Works Dept. Address, 36 Sumter St., Providence, R. I..... Dec. 20, 1899

JAQUES, S. FOSTER
Civil Eng., Asst. to W. C. Ogden, C. E., 8 Cushing St., Dover, N. H..... May 20, 1903

JENNEY, WALTER
Supt. Jenney Manufg. Co., 55 G St., South Boston, Mass..... Nov. 19, 1890

JOHNSON, ALPHEUS M.
Asst. Civil Eng., B. & M. R. R., 27 Laurel St., Concord, N. H..... June 16, 1897

JOHNSON, EDWARD J.
City Civil Engineer, Nashua, N. H. ..... Sept. 17, 1902

JOHNSON, FRANK P.
Tide Water Trap Rock Co., East Haven, Conn..... June 18, 1890

JOHNSON, LEWIS J.
Asst. Prof. of Civil Engineering, Lawrence Scientific School, Harvard University, 100 Avon Hill St., North Cambridge, Mass..... May 20, 1891

	Date of Membership.
JOHNSON, WILLIAM S. Asst. Eng., State Board of Health, Room 140, State House, Boston, Mass.	Apr. 20, 1892
JONES, J. EDWIN Civil Eng., Jamaica Plain, Mass.	Nov. 19, 1879
KEENE, WILLIAM F. City Eng., Central Falls. Residence, 84 Cross St., Central Falls, R. I.	Feb. 19, 1896
KEITH, HERBERT C. Eng. for MacArthur Brothers Co., 11 Pine St., New York, N. Y.	Jan. 20, 1886
KENDALL, FRANCIS H. Civil Eng. for Middlesex County Commissioners, Court House, East Cambridge, Mass.	Apr. 19, 1893
KENT, WILLARD Civil Eng., Narragansett Pier, R. I.	Oct. 22, 1902
KETTELL, CHARLES W. Mech. Eng., 53 State St., Room 1112, Boston, Mass.	June 8, 1874
KIDD, ALEXANDER L. District Eng. of Sewers, 30 Tremont St., Boston, Mass.	Jan. 21, 1885
KIMBALL, GEORGE A. Chief Eng. El. Lines, Boston El. Ry. Co., 101 Milk St., Boston, Mass.	Apr. 28, 1875
KIMBALL, HARRY L. First Asst. Eng. With Pierce & Barnes, 7 Water St., Boston. Address, 358 Waltham St., West Newton, Mass.	Mar. 21, 1900
KIMBALL, JOSEPH H. Asst. Eng., City Engineer's Office, West Newton, Mass.	Sept. 16, 1896
KINEALY, JOHN H. Paul-Kinealy Co., Consulting Engs., 1108 Pemberton Bldg., Boston, Mass.	May 20, 1903
KING, GEORGE A. Clerk and Supt. Water Works, City Hall, Taunton, Mass.	Dec. 19, 1888
KINNICUTT, LEONARD P. Prof. of Chemistry, Worcester Polytechnic Institute, Worcester, Mass.	Mar. 21, 1900
KIRKPATRICK, JOHN J. Ellsworth & Kirkpatrick, Architects and Civil Engs., 18 Dwight St., Holyoke, Mass.	Jan. 22, 1902
KNAPP, FREDERICK B. Prin. of Powder Point School, Duxbury, Mass.	Apr. 21, 1886
KNOWLES, MORRIS Filtration Eng., Dept. of Public Works, Pittsburg, also of firm Chapin & Knowles, Civil and Cons. Engs., 1017 Frick Bldg., Pittsburg, Pa.	Nov. 21, 1894
LANZA, GAETANO Prof. of Theoretical and Applied Mechanics, Mass. Inst. of Technology, Boston, Mass.	Feb. 15, 1882
LAVIS, FRED Asst. Eng., N. Y. C. & H. R. R. R., Albany, N. Y.	Nov. 18, 1896

	Date of Membership.
LAWTON, LOUIS C. Asst. Eng., B. & M. R. R., North Station, Boston, Mass.	Mar. 18, 1896
LAWTON, PERRY Civil Eng., 7 Savings Bank Bldg., Quincy, Mass.	Mar. 21, 1894
LEARNED, WALDO A. Genl. Supt., Newton & Watertown Gas Light Co., Watertown, Mass.	Feb. 19, 1902
LEARNED, WILBUR F. Supt. of Streets and Sewers and Town Eng., Watertown, Mass.	June 8, 1874
LEAVITT, ERASMUS D. Mechanical Eng., 2 Central Square, Cambridge, Mass.	Jan. 21, 1880
LELAND, GEORGE I. City Eng., City Hall, Lynn, Mass.	Oct. 16, 1889
LIBBEY, DANA Deputy Street Commissioner in charge of Sewers, Newton. Residence, 134 Eliot Ave., West Newton, Mass.	Jan. 27, 1897
LINCOLN, EDWIN H. Aspinwall & Lincoln, Civil Engs., 120 Tremont St., Room 606, Boston, Mass.	Feb. 16, 1887
LINK, JOHN WILLIAM With Niagara Falls Power Co., Niagara Falls, N. Y.	Mar. 16, 1898
LOCKE, FRANKLIN B. City Eng., North Adams, Mass.	Feb. 15, 1893
LOVIS, ANDREW M. With Eng. Dept., Mass. Highway Commission, 20 Pemberton Sq., Boston, Mass.	June 20, 1900
LUTHER, WILLIAM J. Civil Eng., Supt. Attleboro Gas Light Co., 153 Pleasant St., Attleboro, Mass.	Nov. 18, 1891
LYMAN, EDWARD Civil and Mech. Eng., Lowell Mfg. Co., 431 Wilder St., Lowell, Mass.	June 17, 1891
LYMAN, JOHN F. Consulting Eng., Keysville, Va.	Sept. 18, 1895
MACCURDY, HARRY S. R. Asst. Eng., Boston Transit Commission, 61 Grampian Way, Dorchester, Mass.	Mar. 18, 1903
MACKSEY, HENRY V. Deputy Supt., Paving Div., Street Dept., 44 City Hall, Boston, Mass.	Jan. 26, 1898
MACOMBER, HARRY F. With Luther Dean, C. E., 187 County St., Taunton, Mass.	Mar. 15, 1899
MAIN, CHARLES T. Dean & Main, Mech. and Mill Engineers, 53 State St., Room 1112, Boston, Mass.	June 17, 1891
MANAHAN, ELMER G. Asst. Eng., Jersey City Water Supply Co., 158 Ellison St., Paterson, N. J.	Nov. 20, 1895
MANLEY, HENRY Asst. Eng., Engineering Dept., 51 City Hall, Boston, Mass.	June 8, 1874

	Date of Membership.
MANLEY, LAURENCE B. Asst. Eng., Boston Transit Commission, 20 Beacon St., Boston, Mass.	Mar. 15, 1893
MARBLE, ARTHUR D. City Eng., City Hall, Lawrence, Mass.	Dec. 19, 1883
MARVELL, EDWARD I. Eng. and Architect, 29 Bedford St., Fall River, Mass.	May 20, 1896
MASON, CHARLES A. W. A. Mason & Son, Civil Engs. and Surveyors, Central Sq., Cambridge, Mass.	June 21, 1893
MATTICE, ASA M. Chief Eng., Westinghouse Electric and Manufacturing Co., P. O. Box 911, Pittsburg, Pa.	Mar. 15, 1893
MCALPINE, WILLIAM H. Junior Eng., on Locks and Dams, 415 Custom House, Cincinnati, O.	May 18, 1898
MCCLINTOCK, WILLIAM E. Civil and Hyd. Eng., Chairman, Mass. Highway Commission, 20 Pemberton Square, Boston, Mass.	Dec. 15, 1880
MCINNES, FRANK A. Asst. Eng., Engineering Dept., Boston, 23 Salcombe St., Dorchester, Mass.	Nov. 21, 1888
MCKAY, WILLIAM E. Asst. Eng., Bay State Gas Co., and Boston Gas Light Co., Dudley Road, Milton, Mass.	Oct. 16, 1895
MCKENNA, JAMES A. Asst. Eng., City Engineer's office, Providence, R. I.	Dec. 20, 1899
MCKIBBEN, FRANK P. Asst. Prof. of Civil Engineering, Mass. Inst. of Technology, Boston, Mass.	Feb. 17, 1897
METCALF, LEONARD Consulting Civil Eng., 14 Beacon St., Boston, Mass.	Mar. 17, 1897
MILDRAM, HENRY C. Asst. Eng., Street Laying-Out Dept., 23 Old Court House, Boston, Mass.	Mar. 21, 1894
MILLER, EDWARD F. Associate Prof., Steam Engineering, Mass. Inst. of Technology, Boston, Mass.	Nov. 17, 1897
MILLER, HIRAM A. Eng., Reservoir Dept., Metropolitan Water Works, Clinton, Mass.	Feb. 19, 1896
MILLS, CHARLES Civil Eng., Euclid Ave., Winchester, Mass.	Feb. 16, 1887
MILLS, FRANK H. City Eng., Woonsocket, R. I.	Dec. 21, 1898
MINER, FRANKLIN M. Engineering Dept., Surveying Div., 25 Old Court House, Boston, Mass.	Apr. 20, 1881
MOORE, ARTHUR C. Civil and Mill Eng., 100 Main St., Southbridge, Mass.	Oct. 15, 1890
MORRILL, GEORGE S. Div. Eng., N. Y., N. H. & H. R. R., Boston, Mass.	Dec. 15, 1886
MORRIS, FRANK H. Civil Eng., 86 Hudson St., Somerville, Mass.	Sept. 16, 1896

Date of Membership.

MORRISON, HARRY J.
Division Eng., Met. Water Works, 25 Leighton Ave., Clinton, Mass. ..... June 17, 1891

MORRISON, JOHN W.
With Hornblower & Weeks, Bankers and Brokers, 53 State St., Room 203, Boston, Mass. ..... Feb. 19, 1896

MORSE, CHARLES F.
Asst. Eng., Metropolitan Park Commission. Address, 12 Russell St., Malden, Mass. ..... May 17, 1899

MORSE, WILLIAM P.
Asst. City Eng. of Newton, City Hall, West Newton, Mass. ..... May 17, 1893

MOSES, JOHN C.
Chief Draftsman, Boston Bridge Works, Inc., Cambridge, Mass ..... Dec. 19, 1894

MOTT, SAMUEL J.
Civil Eng., 466 Broadway, Saratoga Springs, N. Y. ..... Sept. 17, 1902

MOTTE, M. IRVING
Manager and Eng., Elektron Mfg. Co., Albany Building, 179 Lincoln St., Boston, Mass. ..... Apr. 20, 1898

MOULTROP, IRVING E.
Mechanical Eng., The Edison Electric Ill. Co., 516 Atlantic Ave., Boston, Mass. ..... Dec. 18, 1895

NASH, HENRY A., Jr.
Civil Eng., Weymouth Heights, Mass. ..... Mar. 20, 1895

NELSON, GEORGE A.
Asst. Eng., City Engineer's Office, City Hall, Lowell, Mass. ..... Apr. 21, 1886

NELSON, WILLIAM
Of firm of H. Bickford & Co., Manufacturers of Boring and Turning Mills, Lakeport, N. H. ..... Mar. 17, 1897

NICHOLS, ALFRED E.
With Swain Turbine & Mfg. Co., 142 Wilder St., Lowell, Mass. ..... Feb. 19, 1890

NICKERSON, ADDISON D.
With Com. on Additional Water Supply, West Shokan, N. Y. ..... Jan. 24, 1900

NOBLE, WALTER E.
Asst. Eng., Reservoir Commission, City Hall, Fall River, Mass. ..... Apr. 19, 1899

NORRIS, WALTER H.
Asst. Eng., Chief Engineer's Office, B. & M. R. R., Boston, Mass. ..... Oct. 18, 1893

NYE, GEORGE H.
Civil Eng., 323 Cottage St., New Bedford, Mass. ..... June 18, 1890

OBER, ARTHUR J.
U. S. Junior Eng., 10 Lincoln St., Newport, R. I. ..... Mar. 20, 1895

OGDEN, WILLIAM C.
Civil Eng., Eng. for N. H. Boulevard Commission, and City Eng., Dover, N. H. ..... Mar. 20, 1901

OLMSTED, JOHN C.
Landscape Architect, Brookline, Mass. ..... Apr. 20, 1887

	Date of Membership.
PALMER, ALFRED T. Civil Eng. and Surveyor, 53 State St., Room 540, Boston, Mass.	Oct. 21, 1896
PARKER, HAROLD Parker & Bateman, Civil Engineers, Clinton. Residence, South Lancaster, Mass.	Mar. 21, 1894
PARKER, WILLIAM Div. Eng., B. & A. R. R., N. Y. C. & H. R. R. R. Co., Lessee, 372 South Station, Boston, Mass.	Mar. 21, 1888
PARSONS, CHARLES S. Chief Clerk, Eng. Dept., 50 City Hall, Boston, Mass.	Apr. 21, 1880
PATCH, WALTER W. Asst. Eng., Metropolitan Water Works. 22 Dennison Ave., South Framingham, Mass.	May 15, 1895
PATSTONE, L. FREDERICK Supt. of Highways and Bridges, Manila, Philippines.	Mar. 18, 1903
PEARSE, LANGDON Field Asst. n charge, Div. of Soil Physics, Com. on Additional Water Supply, 177 Sixth Ave., Brooklyn, N. Y.	Dec. 18. 1901
PEARSON, CHARLES A. Civil Eng. and Surveyor, 8 Waverley Block, City Sq., Charlestown, Mass.	Jan. 19, 1887
PEARSON, FRED S. Consulting Eng., 29 Broadway, New York, N. Y.	Feb. 19, 1890
PECK, CHARLES H. Civil Eng., 344 Blackstone St., Providence, R. I.	Oct. 21, 1896
PEIRCE, EUGENE E. Asst. Eng. with Massachusetts Harbor and Land Commission, 134 State House, Boston, Mass.	Feb. 18, 1891
PEIRCE, FRANK A. Civil Eng., Spartanburg, S. C.	Sept. 16, 1896
PERKINS, CLARENCE A. Eng., N. E. Tel. & Tel. Co. Residence, 57 High St., Malden, Mass.	Mar. 19, 1890
PERKINS, THEODORE P. Asst. Eng., Chief Engineer's Office, B. & M. R. R., Boston, Mass.	Oct. 20, 1886
PETTEE, EUGENE E. Civil Eng. with J. R. Worcester, C. E., 53 State St., Room 1107, Boston. Address, 269 Lowell Ave., Newtonville, Mass.	Nov. 18, 1896
PHILLIPS, HENRY A. Architect, 120 Tremont St., Room 503, Boston, Mass.	Nov. 19, 1884
PIERCE, HERBERT F. Pierce & Barnes, Civil Engs., 7 Water St., Boston, Mass.	May 20, 1891
PIERCE, WILLIAM T. Eng., Metropolitan Park Commission, 14 Beacon St., Boston, Mass.	Nov. 18, 1885
PLIMPTON, ARTHUR L. Civil Eng., in charge of the Dept. of Civil Engineering, Bureau of Surface Lines, Boston El. Ry. Co., 101 Milk St., Boston, Mass.	Mar. 21, 1888
POLLEYS, WILLIAM V. Of firm of The R. H. Tingley Co., Engs., 75 Westminster St., Providence, R. I.	Oct. 18, 1899

Date of Membership.

POND, ROBERT W.
Town Engineer, Arlington, Mass..... June 18, 1902

POPE, LEMUEL
Port Angeles, Wash..... May 18, 1887

POPE, MACY S.
Inspector for Factory Mutual Fire Ins. Cos., 31 Milk St., Boston, Mass..... Dec. 19, 1894

PORTER, DWIGHT
Prof. of Hydraulic Engineering, Massachusetts Institute of Technology, Boston, Mass..... Nov. 18, 1885

PRATT, C. BARTON
Civil Eng., 14 Park Lane, Jamaica Plain, Mass..... Sept. 17, 1902

PRATT, DANA M.
Asst. with French & Bryant, 334 Washington St., Brookline, Mass..... Mar. 18, 1896

PRATT, DANIEL W.
Asst. Eng. with E. W. Bowditch, C. E., 60 Devonshire St., Boston, Mass..... Jan. 18, 1888

PRATT, ROBERT W.
Eng., Ohio State Bd. of Health, P. O. Box 760, Columbus, O..... Mar. 15, 1899

PRICHARD, CHARLES F.
Gen. Manager, Lynn Gas & Electric Co., 90 Exchange St., Lynn, Mass..... Apr. 16, 1902

PUTNAM, CHARLES E.
Asst. Eng., Park Dept., Jamaica Park, Jamaica Plain, Mass..... Mar. 18, 1885

REYNOLDS, HENRY J.
Asst. Eng., City Engineer's Office, Providence, R. I.. Dec. 20, 1899

RICE, GEORGE S.
Deputy Chief Eng., Rapid Transit R. R. Com., 320 Broadway, New York, N. Y..... June 8, 1874

RICE, JAMES
Inspector, Hartford Steam Boiler Inspection and Ins. Co., 101 Milk St., Room 409, Boston, Mass..... Feb. 15, 1899

RICE, L. FREDERICK
Asst. Eng., Am. Tel. & Tel. Co., 125 Milk St., Boston, Mass..... June 8, 1874

RICE, OTIS D.
With E. H. Kitfield, Mill Arch. and Eng., Boston. Address, P. O. Box 63, Fairhaven, Mass..... Jan. 27, 1897

RICH, ISAAC
Asst. Eng., N. Y., N. H. & H. R. R., Boston. Residence, 36 Walnut St., Somerville, Mass..... Apr. 16, 1890

RICHARDS, ROBERT H.
Prof. Mining Engineering and Metallurgy, Massachusetts Institute of Technology, Boston, Mass..... June 20, 1888

RICHARDS, WALTER H.
Eng. of Water and Sewer Depts., New London, Conn. Jan. 16, 1889

RICHARDSON, THOMAS F.
Eng., Dam and Aqueduct Dept., Metropolitan Water Works, Clinton, Mass..... Mar. 21, 1894

ROBBINS, ARTHUR G.
Asst. Prof. of Highway Engineering, Massachusetts Institute of Technology, Boston, Mass..... Apr. 18, 1888

	Date of Membership.
ROBBINS, FRANKLIN H. Draftsman with Com. on Additional Water Supply, 2023 Park Row Building, New York, N. Y.	Dec. 18, 1895
ROLLINS, JAMES W., Jr. Of Holbrook, Cabot & Rollins, Engineers and Contractors, 1140 Tremont Building, Boston, Mass.	Jan. 23, 1895
ROPES, HORACE. Eng., Weston Aqueduct Dept., Metropolitan Water Works, South Framingham, Mass.	June 24, 1903
ROSS, ELMER W. Asst. Eng., Bridge Dept., City Engineer's Office, Providence, R. I.	Dec. 16, 1896
ROWELL, FRANK B. Asst. Eng., B. & M. R. R., 14 Linwood Road, Lynn, Mass.	Apr. 17, 1889
SABINE, EDWARD D. Chief Eng., Am. Pneumatic Service Co., 115 Chauncy St., Boston, Mass.	Sept. 21, 1898
SAFFORD, ARTHUR T. Asst. Eng., Props., The Locks and Canals on Merrimack River, 66 Broadway, Lowell, Mass.	Dec. 21, 1892
SAMPSON, GEORGE T. Div. Eng., N. Y., N. H. & H. R. R., South Union Station, Boston, Mass.	Mar. 20, 1878
SANBORN, FRANK B. Prof. of Civil Engineering, Tufts College. Address, Tufts College, Mass.	Feb. 18, 1891
SANBORN, MORTON F. With Met. Sewerage Works, 79 Benton Road, Somerville, Mass.	Oct. 22, 1902
SANDO, WILL J. Eng. in charge, Pumping Dept., Com. on Additional Water Supply, 2023 Park Row Building, New York, N. Y.	Oct. 20, 1897
SARGENT, ALBERT F. Civil Eng. and Notary Public, 425 Main St., Malden, Mass.	Mar. 21, 1894
SAVILLE, CALEB MILLS Div. Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.	Feb. 18, 1891
SAWYER, EDWARD Civil Eng., 60 Congress St., Boston, Mass.	June 8, 1874
SAWYER, WALTER H. Agent and Eng., Union Water Power Co., 11 Lisbon St., Lewiston, Me. Boston Office, 60 Congress St.	Dec. 19, 1900
SCHWAMB, PETER Professor of Machine Design, Director of Mechanical Laboratories, Mass. Inst. of Technology, Boston, Mass.	May 16, 1894
SELLEW, EDGAR P. Civil Eng., 19 Wheeler St., Somerville, Mass.	Oct. 17, 1888
SEMPLE, WILLIAM J. C. Street Laying-Out Dept., Surveying Div., 23 Old Court House, Boston, Mass.	Apr. 15, 1896

	Date of Membership.
SERVIS, GEORGE O. W. Asst. in City Engineer's Office, City Hall, Somerville, Mass.	Jan. 27, 1897
SHAW, EDWARD S. Bridge and Structural Eng., 12 Pearl St., Boston, Mass.	Feb. 16, 1881
SHEDD, EDWARD W. Civil Eng., 146 Westminster St., Providence, R. I.	May 20, 1891
SHEDD, GEORGE G. Resident Eng., Garvin Falls Power Development, 34 Thompson St., Concord, N. H.	Dec. 18, 1895
SHEDD, J. HERBERT Consulting Engineer, Providence, R. I.	Jan. 26, 1898
SHEPARD, WALTER Chief Eng., B. & A. R. R., Boston. Residence, 79 Bloomfield St., Dorchester, Mass.	June 8, 1874
SHERMAN, CHARLES W. Div. Eng., Metropolitan Water Works, 1 Ashburton Place, Boston, Mass.	Nov. 20, 1895
SHERRY, FRANK E. Civil Eng. and Surveyor, 15 Court Sq., Boston, Mass.	June 17, 1891
SHIRREFFS, REUBEN Hyd. Eng., Great Falls Power Co., 1420 New York Ave., Washington, D. C.	Dec. 18, 1878
SIMPSON, E. ROLAND Mech. Eng., Chapman Double Ball Shafting Bearing Co., Ltd., 39 Scott St., Toronto, Canada	Oct. 16, 1901
SKINNER, FENWICK F. Draftsman, Terminal Engineer's Office, N. Y. C. & H. R. R. R., 110 E. 50th St., New York, N. Y.	Apr. 15, 1896
SLEEPER, GEORGE E. Civil Eng., P. O. Box 3198, Boston, Mass.	Dec. 16, 1885
SMILIE, EDWARD S. Civil Eng. and Surveyor, Newton, Mass.	Apr. 18, 1883
SMITH, CHESTER W. Division Eng., Metropolitan Water Works, 23 Prospect St., Clinton, Mass.	Oct. 18, 1893
SMITH, MELVIN B. Smith & Brooks, Civil Engs. and Surveyors, 26 Hildreth Building, Lowell, Mass.	May 19, 1886
SMITH, SIDNEY Civil Eng., 91 Maple St., West Roxbury, Mass.	June 17, 1885
SNOW, F. HERBERT Snow & Barbour, Civil and Sanitary Engs., 1120 Tremont Bldg., Boston, Mass.	Mar. 19, 1890
SNOW, FRANKLIN A. Civil Eng. and Contractor, Brookline, Mass.	Mar. 21, 1894
SNOW, J. PARKER Bridge Eng., B. & M. R. R., Boston, Mass.	Nov. 21, 1888
SONNE, OTTO Civil Eng., 68 Devonshire St. (P. O. Box 3051), Boston, Mass.	June 15, 1892
SOPER, GEORGE A. Eng. and Chemist, Specialist in Questions relating to the Public Health, 29 Broadway, New York, N. Y.	Nov. 20, 1895

	Date of Membership.
SPALDING, FREDERIC P. Asst. Eng., Engineering Department, 60 City Hall, Boston, Mass	June 17, 1885
SPEAR, WALTER E. Dept. Eng., Com. on Additional Water Supply, 1620 Park Row Building, New York, N. Y.	May 18, 1898
SPOFFORD, CHARLES M. Asst. Prof. of Civil Engineering, Mass. Inst. of Technology, Boston, Mass	Apr. 17, 1901
SPOFFORD, NELSON Civil Eng. and Surveyor for Mass. on her Northern Boundary, 14 Water St., Haverhill, Mass	June 15, 1887
STANFORD, HOMER R. Civil Eng., U. S. Navy Yard, Pensacola, Fla	Oct. 19, 1898
STEARNS, EDWARD B. Contracting Manager, Am. Bridge Co., 89 State St., Boston, Mass	Feb. 20, 1895
STEARNS. FREDERIC P. Chief Eng., Met. Water and Sewerage Board, 1 Ashburton Place, Boston. Mass	Nov. 15, 1882
STEARNS, HERBERT R. Instrument-man, Metropolitan Sewerage Works. Residence, 108 Cushing Ave., Dorchester, Mass	Apr. 17, 1901
STEPHENSON, FRANK H. Asst. in office, Allen Hazen, C. E., 220 Broadway, New York, N. Y	Jan. 27, 1897
STEVENS, HAROLD C. Second Asst. Eng., Improvement, Extension and Filtration of Water Supply, 710 City Hall, Philadelphia, Pa.	Apr. 20, 1898
STODDARD, GEORGE C. Civil and Sanitary Eng., 215 West 125th St., New York, N. Y	June 18, 1890
STONE, CHARLES A. Stone & Webster, Elec. Experts and Engs., 93 Federal St., Boston, Mass	Feb. 19, 1902
STORRS, HARRY A. Electrical Eng., Reclamation Service, U. S. Geol. Survey, Washington, D. C	Sept. 18, 1901
STORY, ISAAC M. Resident Eng., N. Y., N. H. & H. R. R. Address, 67 Hancock St., Somerville, Mass	Feb. 15, 1882
STRATTON, GEORGE E. U. S. Geol. Survey, Engle, N. M	Dec. 21, 1898
STREET, L. LEE Asst. Eng., Boston Transit Commission. Address, 27 Pearl St., Dorchester, Mass	Nov. 16, 1898
SWAIN, GEORGE F. Prof. of Civil Engineering, Massachusetts Inst. of Technology, and Eng., Mass. R. R. Commissioners, Boston, Mass	Jan. 18, 1882
SWEET, KILBURN S. Instructor in Civil Engineering, 46 Engineering A, Mass. Inst. of Technology, Boston, Mass	Apr. 21, 1897
SYMONDS, HENRY A. Civil Eng. and Contractor with Booth & Co., Boston. Address, Sebago Lake, Me	Dec. 16, 1896

	Date of Membership.
TABER, JAMES C. S. Asst. Eng., Boston & Worcester Street Ry. Co., 21 Bromfield St., Boston, Mass	Jan. 25, 1899
TAYLOR, EDWIN A. Civil Eng., Uxbridge, Mass	Feb. 15, 1893
TAYLOR, LUCIAN A. Civil Eng. and Contractor, 719 Tremont Bldg., Boston, Mass	Sept. 21, 1887
TEMPERLEY, CHARLES Asst. in City Engineer's Office, 13 High St., Medford, Mass	Nov. 20, 1895
THOMPSON, SANFORD E. Civil Eng., Newton Highlands, Mass	June 12, 1895
THORNDIKE, STURGIS H. Asst. Eng., Engineering Dept., 60 City Hall, Boston, Mass	Feb. 19, 1896
THORPE, LEWIS D. With F. C. Coffin, Civil Eng., Boston. Address, West Medford, Mass	Mar. 20, 1901
TIGHE, JAMES L. City Eng., Holyoke, Mass	Oct. 20, 1897
TILDEN, JAMES A. General Manager, Hersey Mfg. Co., South Boston, Mass	Mar. 17, 1886
TINGLEY, RICHARD H. Consulting Eng., 29 Broadway, New York, N. Y.	Mar. 21, 1894
TINKHAM, S. EVERETT Asst. Eng., Engineering Dept., 60 City Hall, Boston, Mass	Sept. 18, 1878
TITUS, JOHN E. Coolidge & Titus, Landscape Architects, 53 State St., Room 641, Boston, Mass	Feb. 21, 1900
TOMLINSON, ALFRED T. Eng. and Supt., J. G. White & Co., Contractors, 29 Broadway, New York, N. Y	Oct. 17, 1900
TOWER, J. WALLACE Prin. Asst. Eng., Great Northern Paper Co., Millinocket, Me	Dec. 18, 1901
TREADWELL, EDWARD D. Surveyor, Engineering Dept., Malden, 124 Linden Ave., Malden, Mass	Jan. 25, 1893
TRIPP, OSCAR H. Civil Eng., 30 Court House, Rockland, Me	June 20, 1894
TUCKER, FRANCIS C. Black Hills Eng. Co., Civil and Mining Engs., U. S. Dep. Mineral Surveyors, P. O. Building, Deadwood, S. D	June 8, 1874
TUCKER, LESTER W. Eng. with Thomas Lahey & Co., Contractors, 515 Winthrop Building, Boston, Mass	May 20, 1896
TURNER, DANIEL L. Instructor in Surveying and Hydraulics, Harvard University. Also Asst. Eng. in charge of stations, Rapid Transit Railroad, 320 Broadway, New York, N. Y	Dec. 19, 1894

	Date of Membership.
TURNER, EDMUND K. Civil Eng., Exchange Building, Boston, Mass.....	June 8, 1874
UPHAM, FRANK W. Asst. Eng., City Engineer's Office, Newton. Address, 126 Eliot Ave., West Newton, Mass.....	Apr. 17, 1901
VARNEY, HENRY A. First Asst., Brookline Eng. Dept., Room 15, Town Hall, Brookline, Mass.....	Mar. 18, 1896
VAUGHAN, LOUIS B. Civil Eng., 100 Pembroke St., Boston, Mass.....	June 17, 1896
VICKERY, GILBERT S. Draftsman, Frog, Switch and Signal Dept., Penn. Steel Co., 335 Hummel St., Harrisburg, Pa.....	Sept. 21, 1898
WAITT, CHARLES G. Asst. Eng., Met. Sewerage Works. Address, Waitt's Block, Malden, Mass.....	Nov. 17, 1897
WALES, FREDERICK N. Clerk of Board of Harbor and Land Commissioners, 131 State House, Boston, Mass.....	Dec. 19, 1883
WALKER, ELTON D. Prof. of Hyd. and Sanitary Engineering, The Pennsylvania State College, State College, Pa.....	Dec. 17, 1890
WALKER, JOSEPH W. Chief Inspector on "New Dry Dock," Portsmouth Navy Yard. Address, 11 Wibird St., Portsmouth, N. H.....	Jan. 22, 1902
WALLACE, CHESTER J. Asst. Eng. with Town Eng., Town Hall, Brookline, Mass.....	May 16, 1894
WALLACE, JOSEPH H. Mill Architect and Hydraulic Eng., 1036 Temple Court Building, New York, N. Y.....	June 21, 1893
WALWORTH, ARTHUR C. Pres't Walworth Construction and Supply Co., 100 Pearl St., Boston, Mass.....	Oct. 21, 1891
WARREN, DEAN C. Asst. Eng., Met. Sewerage Works. Address, 30 King St., Dorchester, Mass.....	Mar. 18, 1903
WARREN, GEORGE M. With L. E. Hawes, Civil and Hydraulic Eng., 101 Tremont St., Boston, Mass.....	Feb. 17, 1897
WASON, LEONARD C. Pres't Aberthaw Construction Co., 8 Beacon St., Boston. Residence, 199 Harvard St., Brookline, Mass.....	Apr. 21, 1897
WATERMAN, FRANK E. Civil Eng., 86 Weybosset St., Providence, R. I.....	Mar. 21, 1900
WATSON, WILLIAM Sec. American Academy of Arts and Sciences, 107 Marlborough St., Boston, Mass.....	Jan. 17, 1877
WEBB, DEWITT C. Inspector, League Island Navy Yard. Address, 2136 South Broad St., Philadelphia, Pa.....	Dec. 18, 1895

Date of Membership.

WEBBER, WILLIAM O.
Consulting Eng., Room 432, 53 State St., Boston, Mass. ..... Feb. 20, 1889

WEBBER, WINSLOW L.
City Eng., City Hall, Gloucester, Mass. ..... Jan. 18, 1892

WEBSTER, EDWIN S.
Stone & Webster, Electrical Engs., 93 Federal St., Boston, Mass. ..... Feb. 19, 1902

WELLS, CHARLES E.
Div. Eng., Metropolitan Water Works, 55 Prescott St., Clinton, Mass. ..... Feb. 17, 1897

WESTCOTT, FRANK T.
Supt. of Streets, North Attleboro, Mass. ..... Apr. 19, 1899

WESTON, EDMUND B.
Consulting and Civil Eng., 86 Weybosset St., Providence, R. I. ..... May 16, 1888

WESTON, ROBERT S.
Sanitary Expert, 14 Beacon St., Boston, Mass. ..... Apr. 15, 1903

WETHERBEE, GEORGE A.
City Eng., City Hall, Malden, Mass. ..... Mar. 20, 1889

WETHERBEE, GEORGE H., Jr.
White & Wetherbee, Civil Engs., offices, 179 Summer St., Boston, and in Braintree. Address, Braintree, Mass. ..... Apr. 15, 1903

WHEELER, BERTRAND T.
Asst. Eng. of Construction, N. Y., N. H. & H. R. R., 461 South Station, Boston, Mass. ..... Mar. 20, 1895

WHEELER, WILLIAM
Consulting Eng., 14 Beacon St., Boston, Mass. ..... May 20, 1896

WHITE, GEORGE V.
Res. Eng., Bellows Falls Canal Co., Bellows Falls, Vt. Sept. 17, 1902

WHITE, HARTLEY L.
White & Wetherbee, Civil Engs., offices, 179 Summer St., Boston, and in Braintree. Address, Braintree, Mass. ..... May 15, 1895

WHITING, RUSSELL H.
Asst. with French & Bryant, 334 Washington St., Brookline, Mass. ..... Mar. 18, 1896

WHITNEY, FRANK O.
Chief of Surveying Division, Street Laying-Out and Engineering Depts., 25 Old Court House, Boston, Mass. ..... Jan. 15, 1879

WHITNEY, GEORGE E.
With Boston Gas Light Co., 24 West St., Boston, Mass., Apr. 18, 1888

WHITNEY, ORVILLE J.
Civil Eng., White Mt. Granite Quarry, North Conway, N. H. ..... Sept. 20, 1899

WHITTEN, ERNEST P.
Resident Eng., "Trafford City." Address, Stewarts Station, Westmoreland Co., Pa. ..... Mar. 15, 1893

WHITTIER, CHARLES C.
Civil Eng., with Robert W. Hunt & Co., 1121 The Rookery, Chicago, Ill. ..... Sept. 19, 1900

WIGGIN, ERNEST W.
Asst. Bridge Eng., N. Y., N. H. & H. R. R., New Haven, Conn. ..... May 19, 1897

	Date of Membership.
WIGGIN, THOMAS H. Div. Eng., Com. on Additional Water Supply, 2023 Park Row Building, New York, N. Y.	Apr. 21, 1897
WILKES, CHARLES M. Sanitary Eng., 1142 The Rookery, Chicago, Ill.	Mar. 19, 1884
WILLIAMS, WILLIAM F. City Eng., cor. Court and Orchard Sts., New Bedford, Mass.	Apr. 18, 1894
WINSLOW, FREDERIC I. Asst. Eng., Engineering Dept., 49 City Hall, Boston, Mass.	June 17, 1885
WINSOR, FRANK E. Asst. Eng., Com. on Additional Water Supply, 2023 Park Row Building, New York, N. Y.	Apr. 20, 1892
WOOD, HENRY B. Asst. Eng., Harbor and Land Commission, 134 State House, Boston, Mass.	June 20, 1888
WOOD, GEORGE W. Asst. Eng., Modesto Irrigation District, Modesto. Cal.	Apr. 18, 1900
WOOD, IRVING S. Asst. Eng. in charge of Water Dept., City Engineer's Office, Providence, R. I.	Dec. 20, 1899
WOOD, LEONARD P. With Metropolitan Water Works, Weston Aqueduct Dept., 18 Gilbert St., South Framingham, Mass	Nov. 20, 1901
WOODFALL, J. LESLIE Civil and Sanitary Eng., 15 Court Sq., Boston, Mass.	Apr. 18, 1888
WOODMAN, ANDREW W. Civil Eng. and Agt., Roebling Const. Co., New York. 101 Tremont St., Boston, Mass.	Mar. 20, 1901
WOODS, HENRY D. Civil Eng., 99 Highland St., West Newton, Mass.	Apr. 15, 1885
WOODWARD, M. GRANT Resident Eng., Cambridge Bridge, 374 Cambridge St., Boston, Mass.	Feb. 16, 1898
WORCESTER, JOSEPH R. Civil Eng., 53 State St., Boston.	Nov. 17, 1886
WRIGHT, JOHN B. Asst. City Eng., in charge of Sewers and Water Works, 16 Tudor St., Lynn, Mass.	Oct. 16, 1901
WYMAN, ALFRED M. Junior Eng., U. S. Engrs. Office, Newport, R. I.	Nov. 21, 1900
YOUNG, E. ELBERT Civil Eng., 86 Islington Road, Auburndale, Mass.	Apr. 18, 1888

HONORARY MEMBERS.

HASWELL, CHARLES H. Civil and Mechanical Eng., Asst. to Board of Estimate and Apportionment, City of New York, 324 W. 78th St., New York, N. Y.	June 3, 1850
VOSE, GEORGE L. Civil Eng., Paris, Me.	Nov. 16, 1881

ASSOCIATES.

	Date of Membership.
CRAIB, CHARLES G. Supt. of Construction, Dan River Power Co. P. O. Box 217, Danville, Va.	Mar. 16, 1898
DUNNE, GEORGE C. Manager, Portland Stone Ware Co., 42 Oliver St., Boston, Mass.	Mar. 16, 1898
GERRISH, JOHN H. Treasurer, Eastern Dredging Co., 247 Atlantic Ave., Boston. Residence, Melrose Highlands, Mass.	May 18, 1898
LEDDER, GOTTFRED G. Dealer in Surveying Instruments, Field and Drawing Supplies. 9 Province Court, Boston, Mass.	May 20, 1903
LOCKE, WILBUR S. Manager of Sales, Carnegie Steel Co., 125 Milk St., Boston, Mass.	June 24, 1903
MILLER, WILLIAM L. Contractor for Public Works, 166 Devonshire St., Boston, Mass.	May 17, 1899
ROBBINS, CHARLES S. Treasurer, Eastern Clay Goods Co., 65 Oliver St., Boston, Mass.	Oct. 22, 1902
TOWNSEND, ARTHUR C. Dep. Sewer Commissioner and Supt. of Sewers, City Hall, Lynn, Mass.	Dec. 17, 1902

MEMBERS	509
HONORARY MEMBERS	2
ASSOCIATES	8
Total	519

CLASSIFICATION WITH REFERENCE TO BUSINESS LOCATIONS.

ALBANY, N. Y.—Fred. Lavis.
ARLINGTON, MASS.—R. W. Pond.
ATTLEBORO, MASS.—W. J. Luther. F. T. Westcott.
BANGOR, ME.—G. H. Hamlin.
BELLOWS FALLS, VT.—G. V. White.
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C. A. Allen, F. S. Badger, F. A. Barbour, R. H. Barnes, W. T. Barnes, H. K. Barrows, C. H. Bartlett, F. A. Bayley, R. B. C. Bement, J. M. Betton, P. M. Blake, Dexter Brackett, Frederick Brooks, H. F. Bryant, T. S. Burr, E. A. Buss, S. K. Clapp, F. C. Coffin, R. C. P. Coggeshall, A. S. Crane, G. S. Curtis, L. F. Cutter, J. P. Davis, L. H. Davis, S. D. Dodge, C. D. Elliot, G. A. Ellis, E. A. Ellsworth, J. H. Emigh, G. E. Evans, F. L. Fales, L. N. Farnum, H. S. Ferguson, Desmond FitzGerald, F. F. Forbes, Clifford Foss, W. E. Foss, J. R. Freeman, J. P. Frizell, A. D. Fuller, F. L. Fuller, G. W. Fuller, W. B. Fuller, C. W. Gay, J. A. Gould, N. C. Grover, C. E. Haberstroh, R. A. Hale, G. W. Hamilton, A. H. Hamlin, E. A. W. Hammatt, G. F. Hardy, F. S. Hart, L. E. Hawes, C. W. Hazelton, Rudolph Hering, Clemens Herschel, E. G. Hopson, Theodore Horton, G. E. Howe, H. J. Hughes, A. W. Hunking, C. G. Hyde, A. L. Kidd, Morris Knowles, C. T. Main, E. G. Manahan, F. A. McInnes, Leonard

Metcalf, H. A. Miller, W. E. Noble, W. W. Patch, Langdon Pearse, F. A. Peirce, H. F. Pierce, Dwight Porter, W. V. Polleys, R. W. Pratt, G. S. Rice, W. H. Richards, T. F. Richardson. A. T. Safford, F. B. Sanborn, C. M. Saville, W. H. Sawyer, Edward W. Shedd, G. G. Shedd, J. H. Shedd, C. W. Sherman, Reuben Shirreffs, C. W. Smith, F. H. Snow, F. H. Stephenson, F. P. Stearns, G. E. Stratton, G. F. Swain, K. S. Sweet, L. A. Taylor, L. E. Thorpe, J. L. Tighe, R. H. Tingley, F. C. Tucker, J. H. Wallace, G. M. Warren, E. D. Walker, E. B. Weston, W. O. Webber, William Wheeler, G. V. White, G. H. Wetherbee, Jr., H. L. White, T. H. Wiggin, F. E. Winson, J. B. Wright.

LANDSCAPE ENGINEERING.

E. P. Adams, Thomas Aspinwall, R. H. Barnes, E. W. Bowditch, E. D. Bolton, Bertram Brewer, H. F. Bryant, A. E. Burton, W. L. Clark, F. H. Cunningham, E. A. Ellsworth, A. H. French, Edmund Grover, C. W. Gay, E. A. W. Hammatt, I. K. Harris, F. M. Hersey, C. A. Hicks, E. W. Howe, E. H. Lincoln. C. A. Mason, H. C. Mildram, W. C. Ogden, J. C. Olmsted, W. T. Pierce, C. E. Putnam, E. P. Sellew, E. S. Smilie, Otto Sonne, J. E. Titus, H. L. White.

MECHANICAL ENGINEERING.

W. R. Addicks, C. W. Aiken, W. E. Baker, G. H. Barrus, J. B. Blood, J. T. Boyd, C. D. Bray, T. S. Burr, W. W. Cummings, F. W. Dean, J. O. DeWolf, C. H. Dodd, F. B. Dowst, E. A. Ellsworth, L. R. Greene, R. S. Hale, C. H. Haswell, I. N. Hollis, C. W. Kettell, J. H. Kinealy, Gaetano Lanza, E. D. Leavitt, Edward Lyman, C. T. Main, E. I. Marvell, A. M. Mattice, W. E. McKay, E. F. Miller, I. E. Moultrop, A. E. Nichols, F. S. Pearson, C. F. Prichard, Peter Schwamb, W. J. Sando, E. R. Simpson, J. A. Tilden, R. H. Tingley, William Watson, E. B. Weston, W. O. Webber, G. E. Whitney, G. W. Wood.

MILL ENGINEERING.

C. W. Aiken, H. B. Burley, E. A. Buss, F. W. Dean, J. O. DeWolf, E. A. Ellsworth, H. S. Ferguson, J. R. Freeman, G. F. Hardy, Clemens Herschel, David Hinckley, J. J. Kirkpatrick, C. T. Main, A. C. Moore, F. A. Peirce, O. D. Rice, J. H. Shedd, S. C. Thompson, J. W. Tower, J. H. Wallace, W. O. Webber.

MINING ENGINEERING.

H. S. Adams, L. S. Griswold, R. H. Richards, F. C. Tucker.

MUNICIPAL ENGINEERING.

E. W. Bailey, F. A. Barbour, T. H. Barnes, P. D. Borden, F. B. Bourne, George Bowers, E. W. Branch, Bertram Brewer, H. F. Bryant, W. D. Bullock, G. A. Carpenter, H. H. Carter, O. F. Clapp, C. D. Elliot, E. A. Ellsworth, J. H. Emigh, R. R. Evans, I. T. Farnham, C. R. Felton, G. N.

Fernald, A. D. Flinn, A. A. Fobes, C. W. Folsom, A. H. French, E. M. French, F. B. French, C. W. Gay, A. C. Grover, G. A. Hamilton, I. K. Harris, Christopher Harrison, D. A. Hartwell, I. W. Hastings, C. H. Haswell, F. M. Hersey, Theodore Horton, E. W. Howe, H. J. Howe, W. B. Howe, William Jackson, C. F. Janes, S. F. Jaques, E. J. Johnson, W. F. Keene, A. L. Kidd, G. A. Kimball, J. H. Kimball, G. A. King, Morris Knowles, W. F. Learned, G. I. Leland, F. B. Locke, A. D. Marble, J. A. McKenna, F. H. Mills, F. M. Miner, W. P. Morse, A. D. Nickerson, G. A. Nelson, W. C. Ogden, C. S. Parsons, L. F. Patstone, R. W. Pond, H. J. Reynolds, E. W. Ross, . J. Sando, C. M. Saville, C. W. Sherman, F. H. Snow, G. C. Stoddard, S. E. Tinkham, A. C. Townsend, O. H. Tripp, H. A. Varney, C. J. Wallace, F. T. Westcott, W. L. Webber, H. L. White, I. S. Wood, H. D. Woods, J. B. Wright.

RAILROAD ENGINEERING.

C. A. Allen, C. F. Allen, C. H. Bartlett, G. C. Bartram, L. B. Bidwell, H. Bissell, C. D. Bray, C. B. Breed, Fred. Brooks, R. H. Chambers, A. S. Cheever, A. B. Corthell, A. K. Crowell, Louville Curtis, C. H. Davis, F. R. Davis, C. D. Elliot, J. H. Emigh, G. B. Francis, G. L. R. French, H. E. Gage, Gage Haselton, H. K. Higgins, Gilbert Hodges, H. J. Howe, E. C. Hultman, A. M. Johnson, H. C. Keith, Gaetano Lanza, Fred Lavis, L. C. Lawton, A. M. Lovis, H. A. Miller, G. S. Morrill, A. D. Nickerson, W. C. Ogden, William Parker, T. P. Perkins, W. V. Polleys, Isaac Rich, Horace Ropes, F. B. Rowell, G. T. Sampson, Edward W. Shedd, Walter Shepard, I. M. Story, G. F. Swain, R. H. Tingley, O. H. Tripp, F. C. Tucker, L. W. Tucker, E. K. Turner, F. E. Waterman, B. T. Wheeler, G. H. Wetherbee, Jr., C. C. Whittier.

SANITARY ENGINEERING.

C. A. Allen, Thomas Aspinwall, F. A. Barbour, T. H. Barnes, W. T. Barnes, P. M. Blake, W. C. Brackett, Bertram Brewer, W. M. Brown, Fred. Brooks, H. F. Bryant, W. H. Chapman, O. F. Clapp, W. L. Clarke, F. C. Coffin, A. S. Crane, L. F. Cutter, E. S. Dorr, C. D. Elliot, E. A. Ellsworth, J. H. Emigh, F. W. Farnham, C. W. Folsom, W. E. Foss, A. H. French, A. D. Fuller, W. B. Fuller, C. W. Gay, X. H. Goodnough, G. W. Hamilton, E. A. W. Hammatt, Allen Hazen, Rudolph Hering, F. M. Hersey, Theodore Horton, W. B. Hunter, C. G. Hyde, S. F. Jaques, W. S. Johnson, W. F. Keene, A. L. Kidd, G. A. Kimball, J. H. Kimball, L. P. Kinnicutt, Morris Knowles, E. H. Lincoln, W. E. McClintock, H. A. Miller, W. W. Patch, Langdon Pearse, R. W. Pond, Dwight Porter, C. B. Pratt, R. W. Pratt, Jr., W. H. Richards, T. F. Richardson, M. F. Sanborn, C. M. Saville, E. P. Sellew, E. W. Shedd, J. H. Shedd, C. W. Sherman, F. H. Snow, G. A. Soper, F. P. Stearns, G. C. Stoddard, K. S. Sweet, L. A. Taylor, A. C. Townsend, C. G. Waitt, E. D. Walker, E. B. Weston, R. S. Weston, C. M. Wilkes, F. E. Winson, G. H. Wetherbee, Jr., H. L. White, J. L. Woodfall, J. B. Wright, E. E. Young.

STREET RAILWAY ENGINEERING.

C. F. Allen, W. E. Baker, R. H. Barnes, G. C. Bartram, J. B. Blood, H. F. Bryant, R. H. Chambers, C. H. Davis, Luther Dean, B. W. Ellis, J. H. Emigh, C. T. Fernald, G. B. Francis, Ephraim Harrington, Gilbert Hodges, E. C. Hultman, H. C. Keith, G. A. Kimball, H. L. Kimball, A. D. Nickerson, W. C. Ogden, Harold Parker, H. F. Pierce, A. L. Plimpton, W. V. Polleys, E. A. Taylor, R. H. Tingley, O. H. Tripp, F. C. Tucker, J. C. S. Taber, L. B. Vaughan, G. S. Vickery, G. H. Wetherbee, Jr., H. L. White.

SURVEYING.

Frederick Brooks, H. F. Bryant, L. F. Buff, A. E. Burton, E. G. Chamberlain, F. H. Cunningham, A. B. Drake, C. D. Elliot, E. A. Ellsworth, J. H. Emigh, W. C. Ewing, C. H. Gannett, C. W. Gay, E. A. W. Hammatt, I. K. Harris, F. S. Hart, C. H. Haswell, W. C. Hawley, F. M. Hersey, F. W. Hodgdon, Channing Howard, C. W. Howland, C. F. Janes, J. J. Kirkpatrick, Perry Lawton, E. H. Lincoln, A. M. Lovis, C. A. Mason, H. C. Mildram, F. M. Miner, W. C. Ogden, C. A. Pearson, E. E. Peirce, A. F. Sargent, Otto Sonne, E. P. Sellew, W. J. C. Semple, F. E. Sherry, E. S. Smilie, M. B. Smith, Nelson Spofford, G. C. Stoddard, O. H. Tripp, E. D. Treadwell, F. C. Tucker, F. E. Waterman, E. T. Westcott, E. P. Whitten, G. H. Wetherbee, Jr., H. L. White, G. V. White, F. O. Whitney, H. B. Wood.

WATER PURIFICATION.

W. T. Barnes, Allen Hazen, C. G. Hyde, Morris Knowles, E. B. Weston.

WATER WORKS MANAGEMENT.

L. M. Bancroft, R. B. C. Bement, P. M. Blake, Dexter Brackett, Frederick Brooks, J. C. Chase, R. C. P. Coggeshall, F. F. Forbes, E. H. Gowing, C. E. Haberstroh, F. S. Hart, L. E. Hawes, Clemens Herschel, H. G. Holden, A. W. Hunking, Willard Kent, G. A. King, T. F. Richardson, C. M. Saville, J. H. Shedd, C. W. Sherman, J. L. Tighe, A. C. Townsend, E. D. Treadwell, William Wheeler, I. S. Wood.

IN BUSINESS.

J. M. Betton, G. C. Dunne, F. V. Fuller, A. S. Glover, Walter Jenney, G. G. Ledder, W. S. Locke, J. W. Morrison, C. S. Robbins.

DECEASED MEMBERS.

	Date of Election.	Date of Death.
ALLEN, WILLIAM ALBERT . .	April 15, 1885	Mar. 21, 1896
ATWOOD, HERMAN D. . . .	Dec. 2, 1874	Jan. 20, 1876
BALDWIN, JAMES FOWLE . .	July 3, 1848	May 20, 1862
BALL, PHINEHAS	Oct. 19, 1887	Dec. 19, 1894
BARBOUR, WILLIAM SULLIVAN .	Oct. 19, 1881	Feb. 24, 1889
BARNES, FREDERICK HARTWELL,	April 18, 1888	Oct. 16, 1893
BARRETT, FRANK H. . . .	Nov. 17, 1875	May 29, 1879
BENNETT, JOSEPH	July 3, 1848	April 28, 1875
BLAKE, JOHN H.	July 3, 1848	July 5, 1899
BORDEN, SIMEON	July 3, 1848	Oct. 28, 1856
BRECK, CHARLES EDWARD CUSHING,	Dec. 21, 1877	Jan. 29, 1899
CHESBROUGH, ELLIS SYLVESTER,	July 3, 1848	Aug. 18, 1886
CHILDE, JOHN	July 3, 1848	Feb. 2, 1858
CLARK, EDWARD K.	June 8, 1874	Sept. 10, 1878
CONANT, MARSHALL . . .	July 3, 1848	Feb. 10, 1873
COULSON, JOSEPH	Jan. 18, 1888	Jan. 22, 1893
DARRACOTT, FRANKLIN . . .	July 3, 1848	Jan. 24, 1895
DAVIS, THOMAS WOOD . . .	April 16, 1878	April 22, 1893
DEARBORN, WILLIAM LEE . .	July 3, 1848	Mar. 15, 1875
DEXTER, GEORGE MINOT . .	July 3, 1848	Nov. 26, 1872
DOANE, THOMAS	June 8, 1874	Oct. 22, 1897
DRAKE, CHARLES WILLIAM . .	Mar. 21, 1888	Nov. 22, 1891
EATON, HORACE LAFAYETTE .	Mar. 19, 1879	Nov. 23, 1895
FELTON, SAMUEL MORSE . .	Oct. 2, 1848	Jan. 24, 1889
FOBES, RICHARD	June 20, 1888	Feb. 5, 1891
FRANCIS, JAMES	Sept. 16, 1885	Dec. 1, 1898
FRANCIS, JAMES BICHENO . .	July 3, 1848	Sept. 18, 1892
FTELEY, ALPHONSE	June 8, 1874	June 11, 1903
FULLER, FRANK E.	Dec. 16, 1896	Aug. 1, 1902
GRANT, McGEE	Mar. 24, 1875	May 10, 1892
HAAGENSEN, SOPHUS . . .	Dec. 16, 1885	Dec. 17, 1891
HALL, WILLIAM CHARLES . .	April 18, 1888	Dec. 6, 1897
HALL, WILLIS HENRY . . .	Mar. 17, 1886	Aug. 26, 1895
HARDY, GEORGE RICHARDSON .	June 8, 1874	April 2, 1903
HASKELL, JOHN COTTON . .	April 18, 1877	June 12, 1900
HAYWOOD, LINCOLN CRAWFORD,	May 16, 1894	Jan. 12, 1895

	Date of Election.	Date of Death.
HODGES, OSGOOD	June 8, 1874	Nov. 2, 1880
HOLLINGSWORTH, SUMNER . .	April 18, 1894	June 26, 1899
HUNT, JOSIAH	July 3, 1848	Oct. 3, 1874
JOHNSON, SAMUEL FRANCIS . .	July 3, 1848	Jan. 15, 1883
LAURIE, JAMES	July 3, 1848	Mar. 16, 1875
LIBBEY, FORREST LLEWELLYN .	Nov. 18, 1885	July 21, 1894
LOCKE, AUGUSTUS WOODBURY .	Oct. 18, 1882	May 14, 1893
LUNT, CLARENCE WILLIAM . .	Oct. 20, 1875	Feb. 22, 1884
MAY, FRANK A.	April 28, 1875	Jan. 18, 1884
McKEAN, HENRY SWASEY . .	July 3, 1848	May 17, 1857
MITCHELL, HENRY	June 8, 1874	Dec. 1, 1902
NEVONS, HIRAM	June 19, 1889	May 27, 1894
NICHOLS, WILLIAM RIPLEY . .	May 15, 1878	July 14, 1886
NOTT, SAMUEL	July 3, 1848	Oct. 1, 1899
NOYES, ALBERT FRANKLIN . .	June 18, 1879	Oct. 12, 1896
OLIVER, MOSES W.	June 8, 1874	Sept. 8, 1900
PARKER, GEORGE ALANSON .	Mar. 22, 1852	April 20, 1887
PARROTT, WILLIAM P. . . .	July 3, 1848	Mar. 4, 1868
PHILBRICK, EDWARD SOUTHWICK,	June 8, 1874	Feb. 13, 1889
SEYMOUR, CHAS. WINFIELD SCOTT,	Oct. 17, 1888	Oct. 15, 1893
SICKLES, THEOPHILUS E. . .	July 3, 1848	Feb. 4, 1885
SPRAGUE, ADELBERT LEROY .	Nov. 15, 1893	April 12, 1895
STANWOOD, JAMES HUGH . .	Sept. 17, 1890	May 24, 1896
STONE, WATERMAN	Jan. 18, 1888	Mar. 30, 1896
SWAN, CHARLES HERBERT . .	May 17, 1882	April 17, 1899
TIDD, MARSHALL MARTIAN . .	Oct. 15, 1848	Aug. 20, 1895
WALLING, HENRY FRANCIS . .	Oct. 20, 1875	April 8, 1888
WEBSTER, JOHN HASKEL . .	Feb. 15, 1888	April 2, 1895
WHITWELL, WILLIAM SCOLLAY .	July 3, 1848	Oct. 31, 1899
WIGHTMAN, HENRY MORSE . .	June 8, 1874	April 3, 1885
WILLIAMS, THOMAS S. . . .	July 3, 1848	Dec. 29, 1874
WINSLOW, EPHRAIM NAPOLEON,	Feb. 24, 1875	Dec. 5, 1880

GENERAL INFORMATION.

Meetings. — Regular meetings of the Society are held in Chipman Hall, Tremont Temple, on the fourth Wednesday in January and on the third Wednesday of the other months, excepting July and August.

The annual meeting for the election of officers and for the hearing of annual reports is held on the third Wednesday in March.

Informal meetings are held in the Society's library during the winter months on the Wednesday evenings not assigned for regular meetings.

Library and Reading Room of the Society is open daily, except Sundays, from 9 a. m. to 5 p. m. Members desiring to use the room at other hours can purchase keys from the Secretary.

The Society is in receipt of a large number of valuable engineering journals and society transactions which are available for use in the reading room.

Publications. — The papers read before the Society and the minutes of its meetings are published in the "Journal of the Association of Engineering Societies." This publication is issued monthly and contains the selected papers and proceedings of the engineering societies located in Boston, Cleveland, St. Louis, St. Paul, Minneapolis, Butte, San Francisco, Detroit, Buffalo, New Orleans, and Cincinnati. It is furnished to all members of the Society.

Boston Public Library. — Through the courtesy of the Board of Trustees of the Boston Public Library, all members of the Society who are not residents in Boston are permitted the home use of books in that library under the same conditions as citizens of Boston. The Secretary will furnish a certificate which will secure a card from the Registration Clerk of the library.

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INCORPORATED 1851